

MICROSCOPES

DISSECTION MICROSCOPE

1.DISSECTING MICROSCOPE:

With bakelite fitting with two eyepieces 10x, 20x in a thermocol box. 2000/-

2.DISSECTING MICROSCOPE:

Round base with brass knobs, brass eye piece with aluminium fitting eye piece 10x, 20x in thermocol box. 1500/-

3.DISSECTION MICROSCOPE:

DELIGHT Deluxe with round caste Iron Heavy base, sensitive focusing by rack \& pinion with all brass parts and two eye pieces 10x \& 20x. 2200/-

4.DISSECTION MICROSCOPE:

DELIGHT Deluxe with bull lens housed in thick plywood box. 3400/-

5.DISSECTION MICROSCOPE:

Olympus (DM) pattern complete with metal fitting and special eye piece brass mounted 10x \& 20x Baker type base in plywood box. 2520/-

MICROSCOPE

6.SINGLE NOSE MICROSCOPE:

With one eye piece 10x and one objective 10x in thermocol box. 2400/-

7.STUDENT MICROSCOPE:

(SM-5) improved pattern, heavy die cast body with white lens bright field fixed condenser, two eye piece 10x, 15x, two objectives 10x, 45x(SL) in thick plywood box. 6200/-

8.STUDENT MICROSCOPE:

Economy Model Light body with fixed condenser with good optics, eye piece 10x, 15x objective 10x, 45x in thermocol box. 5000/-

9.SENIOR STUDENT MICROSCOPE:

Olumpus (HSA type), Eye piece 10x, 15x and objective 10x \& 40x, having condenser paaked in box. 8400/-

10.JUNIOR MEDICAL MICROSCOPE:

JM-6 improved pattern, die cast body with rack and pinion motion to condenser with two eye piece 10x 15x, objective 10x, 45x(SL) in thick plywood box. 6800/-

11.JUNIOR MEDICAL MICROSCOPE:

Economy Model, light body with moving condensor, by rack and pinion with eye piece 10x, 15x & objective 10x, 45x in thermocol box. 5600/-

12.MEDICAL MICROSCOPE:

DELIGHT RM-7 die cast body, with drum type graduated slow motion with detachable mechanical stage in thick plywood box, optical combination: Eye piece 5x \& 10x objective 10x, 45x(SL) 100x (SL) oil immersion. 11800/-

13.Item No. 12 with wide field eye piece 10x. Extra. 800/-

14.-do- with 100x oil immersion of coated optics.
Equivalent to imported brand (Extra) 7600/-

15.INCLINED MEDICAL MICROSCOPE:

DELIGHT Delux IM-8 heavy body fitted 6v-20w halogen lamp workable on 220volt AC provided with Co-axial mechanical stage in thick plywood box. Optical combination. Eye piece 5x, 10x (HUG) Objective 5x, 10x, 45x(SL), 100x oil immersion(SL)(self parafoalised) 20000/-

16.Item No.15 with wide field eye piece 10x extra. 800/-

17.Item No.15 with 100x oil immersion of coated optics equivalent to imported brand. extra 7600/-

18.INCLINED MEDICAL MICROSCOPE:

DELIGHT Economy Model with built in light arrangement with halogen lamp 6volt-20watts with detachable mechanical stage in thick plywood box.

optical combination: eye piece 5x, 10x objectives 10x, 45x(SL), 100x oil immersion(SL)(self parafoalised)	16200/-
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19.-do- with wide field eye piece extra.	800/-
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20.-do- with co-axial mechanical stage extra.	3000/-
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21.BINOCULAR RESEARCH MICROSCOPE:

DELIGHT BRM-9 Heavy body inclined at 45deg provided with best quality binocular head for flat field , illumination by 6volt -20 watt halogen lamp fitted in base, provided with co-axial mechanical stage in thick plywood cabinet.

optical combination : 5x, 10x (paired)(hug) objectives 5x, 10x, 45x(SL), 100x oil immersion (SL)(self parafoalised)	26000/-
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22.Item No. 21 with field eye piece 10x paired extra.	1280/-
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23.Item No.21 with 100x oil immersion of blue coated optics equivalent to imported brand.	7600/-
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24.BINOCULAR RESEARCH MICROSCOPE:

DELIGHT Economy Model Robust, Sturdy body provided with binocular head rotatable at 360deg. Illumination provided with 6-volt-20 watt halogen lamp with detachable mechanical stage in thick plywood cabinet.

optical combination eye piece 5x, 10x paired. objective 5x, 10x, 45x(SL), 100x oil immersion(SL)	22000/-
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25.CO-AXIAL BINOCULAR MICROSCOPE:

DELIGHT BRM-10 most modern equipped with coaxial focusing system based on four stage gear reduction, travelling on ball bearing guides, locking device in coarse motion, coaxia mechanical stage illumination by 6V-20W halogen lamp, binocular head fitted with superior hard coated strain free prisms packed in wooden box.
 optical combination : eye piece 5x paired .(hug) 10x paired wide field
 objectives : 5x, 10x, 45x(sl), 100x oil immersion (SL) 55000/-

26.CO-AXIAL TRINOCULAR MICROSCOPE:

DELIGHT most modern equipped with coaxial focusing system based on four stage gear reduction, travelling on ball bearing guides, locking device in coarse motion, coaxial mechanical stage illumination by 6v-20w halogen lamp with trinocular/observation head for micro-photography and C.C.T.V. facility.
 optical combination : Eye piece 5x paired.(HUG) 10x paired wide field
 objectives :5x, 10x, 45x(SL), 100x oil immersion (SL)(Self parafoalised) 67000/-

PROJECTION MICROSCOPE

27.PROJECTION MICROSCOPE 4":

With one objective and one eye piece packed in box. 9200/-

28.PROJECTION MICROSCOPE 6":

DLEIGHT Deluxe with two objectives and one eye piece, fitted with 12V-21W halogen lamp with intensity control knob packed in plywood box. 15600/-

29. -do-with mechanical stage extra. 1660/-

30.SENIOR PROJECTION MICROSCOPE:

DELIGHT compact, dust proof construction projection screen of 100mm dia with provision of wall projection, 12V-100W halogen lamp, equipped with loop and arrow pointer, supplied with mechanical stage and two objectives 10x \& 40x.Eye piece 10x packed in a card board box.

29000/-

MICROTOMES

31.Hand and Table Microtome:

with table clamping device and plano concave razor, feed adjustments in step of 10 microns.

5600/-

32.Rocking Microtome:

DELIGHT (Cambridge Type)in box with accessories.

18000/-

33.Rotary Microtome:

DELIGHT (Erma) Japan type, with three object holders one razor 120mm and honing stone. Feed adjustments 1-25 microns in step of one micron,. complete with raxine cover and box.

43000/-

34.SENIOR ROTARY MICROTOME:

DELIGHT (spencer 820 type) latest model, with one razor 120mm and honing stone. feed range 1-5 micron in steps

of one micron with automatic feed release device. Complete in box with three object holder and raxine cover.

50000/-

35.AUTOMATIC KNIFE SHARPENER:

DELIGHT (Spencer Type) complete with razor and accessories in wooden box.

60000/-

ACCESSORIES MICROSCOPES

36.OPTICS SETS:

Two eye piece 10x, 15x two objective 10x, 45x good quality.

1580/-

37.OPTICS SETS:

Two eye piece 10x, 15x two objective 10x, 45x superior quality.

2100/-

38.HUYGENIAN EYE PIECE:

10x or 15x.

340/-

39.HUYGENIAN EYE PIECE:

5x

432/-

40.ACHROMATIC OBJECTIVES SPARE:

Superior Quality 5x 10x 45x

1200/- 840/- 1720/-

41.OIL IMMERSION:

100X Spring loaded superior quality. 1900/-

42.WIDE FIELD EYE PIECE:

10x 820/-

43.SUB-STAGE CONDENSOR:

With diaphragm regular quality. 300/-

44.SUB-STAGE CONDENSOR:

With diaphragm superior quality. 420/-

45.POINTER EYE PIECE:

10x or 15x in velvet case. 420/-

46.POINTER EYE PIECE:

5x in velvet case. 480/-

47.MICROSCOPE LAMP:

Sub stage pin type in card box. 440/-

48.MECHANICAL STAGE:

Small in card box. 1560/-

49.MECHANICAL STAGE:

Heavy pattern in card box. 2100/-

50.STAGE CLIP 32/-

51.METALLIC ARC:

Complete with Reflector 132/-

52.REFLECTOR 50MM:

Plano-Concave 100/-

53.CAMERA LUCIDA:

Prism type in velvet box. 1400/-

54.CAMERA LUCIDA:

Eye piece in velvet box. 1760/-

55.DOUBLE DEMONSTRATION:

Eye piece in velvet box. 2300/-

56.MICROTOME RAZOR:

120mm. In wooden box.

1900/-

PROJECTOR

SLIDE PROJECTOR

57.FLIMO SLIDE PROJECTOR:

With 100watt - 220 volt bulb with cooling fan in attached case.

13600/-

58.FLIMO SLIDE PROJECTOR:

DELIGHT Aluminium moulded compact body fitted with heavy transformer, 24volt 159watt halogen lamp, on/off switch, blower cooled, with 2"*2" slide carrier with indian focus tube in storing cabinet.

21200/-

OVERHEAD PROJECTOR

59.OVER HEAD PROJECTOR:

DELIGHT A most modern compact, light weight and sturdy model with clear aperture 240 * 240mm. Provided with 24 volts 250 watts imported halogen lamps with heavy transformer, focusing by rack & pinion cooling fan with folding projection arm, high class optics with fresnel lens provided with efficient light intensity dim/bright switch, packed in thermocol case with card box.

33600/-

60.OVER HEAD PROJECTOR:

-do-24volts 150 watt.

16000/-

61.OVER HEAD PROJECTOR:

Economy Model.

12800/-

62.OVER HEAD PROJECTOR TWIN BULB:

DELIGHT Same as 63 fitted with dual bulb. The fused bulb can be changed instantly by shifting the level.

19200/-

63.PORTABLE OVERHEAD PROJECTOR SLEEK:

DELIGHT it is a folding type overhead projector which folds in second to carry a comfortably in a moulded luggage carrying case. Smooth effortless focusing with 3 element high definition varifocus lens, it is provided with twin 24v 250w halogen bulbs. The mini turbo cooling fan protect the projector mechanism to protect mirror, lamps and lenses. Fresnel lens A4 size (285*285mm) hard coated and scratch resistant is provided, supplied in moulded luggage carrying case.

98000/-

PROJECTOR SCREEN

EPEDIASCOPE

64.PRECISION EPEDIASCOPE:

DELIGHT An efficient convertible projector equipped with high Grade anastigmatic triplet white lenses & surface coated reflecting Mirror, providing brilliant projection of opaque objects as well as Coloured slides. Equipped with a noiseless cooling system providing Undisturbed projection for long duration.

For use as an epidiascope, a slide protector, a film strip projector and A micro slide projector and a micro slide projector with the aid of Different accessories supplied alongwith. Complete with 225v - 1000w imported tube.

31000/-

65.EPEDIASCOPE

Do Economy model.

26400/-

66.EPISODE

DELIGHT Most modern in design and rigidity, built with choicest Top grade material for durability, ruggedness and excellent trouble Free life long service. Some important constructional feature are:

- i) the mild steel sheet body frame with beautiful oven treated paint.
- ii) heat resistant glass platform.
- iii) electric motor driven cooling fan.
- iv) projection bulb 1000watt fitted in an adjustable metal frame.
- v) high grade optical glass an astigmatic lenses.
- vi) high quality surface coated and optically worked reflector mirror.

20400/-

67.SCREEN FOR PROJECTOR AND EPIDIASCOPE:

Simple wall type made of snow whit plastic with two fixed metal tubes.

Size
125*125
1500/-

125*175 cms.
2100/-

68.SCREEN FOR PROJECTOR AND EPIDIASCOPE:

Spring action, automatic type but on heavy tripod metal stand.
The stand is folding type. Size 125*175 cms.

6700/-

PROJECTION SLIDES & TRANSPARANCIES

69.PROJECTION SLIDES

35mm coloured 2"*2" mounted in card box or in life.

14/-

70.PROJECTION SLIDES

-do- Mounted in plastic frame.

20/-

71.OVERHEAD TRANSPARENCIES

In natural colour mounted in duplex sheet.

80/-

72.OVERHEAD PLAIN TRANSPARANCIES

48/-

73.LAMINATED PORTRAIT

780/-

Vernier Microscope

SPECTROMETER

74.SPECTROMETER STANDARD (COLLEGE TYPE):

DELIGHT Specially designed to give best possible result. Protected 150mm scale divided on precision machine. Telescope is fitted with Achromatic objective. Collimate has an adjustable precision slit with jaws of non rusting metal. Packed in beautiful plywood box.

Protected circle	Brass Circle	S.S scale
30.00 cm	11600/-	12800/-
35.00 cm	17400/-	18400/-

75.SPECTROMETER:

Delight Deluxe with graticule, specification as above in wooden box.

Protected circle	Brass circle	S.S scale
30.00 cm	15600/-	16800/-
35.00 cm	22000/-	23600/-

76.TRAVELLING MICROSCOPE:

DELIGHT Vernier reading 0.04 to 0.01mm. Horizontal scale is Graduated upto 17mm and vertical scale 15mm embedded Stainless steel scale. Cast iron heavy bed with levelling screws. Vertical and horizontal slide can be clamped at any position, Packed in plywood box clamping screw and fine motion is Brought about micrometer screws.

10400/-

77.TRAVELLING MICROSCOPE:

Same as S.N. 84 but with heavy pattern and superior optics.

11800/-

78. TRAVELLING MICROSCOPE:

DELIGHT Improved Design with special three motion arrangement
For transverse movement of microscope. Rust proof gun metal
Slides catiage is provided for opticals platform inco pattern.

18400/-

79. NEWTON'S RING APP. MICROSCOPE:

Compact form with all the necessary arrangements for conducting
Newton's ring experiment. A standard microscope unit with 30x
Magnification and rotatable cross line, complete with beautiful
Storing cabinet.

11200/-

OPTICAL BENCHES

POLARIMETERES

80. STUDENT POLARIMETER HALF SHADE:

A simple and sensitive polarimeter designed laurent's half
shade system for accurate result equipped with imported
polarimeter, analyser and laurent;s with shade. Precisely
graduated scale mounted on sturdy tripod stand with provision
for height adjustment, complete with 200mm tube. Range of
measurement : 0 to 360 deg . telescopic magnification : 5x
vernier accuracy : 0.20 deg in sturdy card board box .
9200/-

-do- fitted with Bi-quatrts.

13200/-

81. POLARIOD:

Set of two in velvet case. 3400/-

82.SEXTANT SIMPLE:

Aluminium made heavy body. 3600/-

83.SEXTANT STANDARD:

DELIGHT Designed to give maximum accuracy with stainless Steel scale divided to 130deg and vernier reading to 12 Seconds. Telescope holder is adjustable to the required height Complete with slight tube, one inverting, one erecting telescope And one on sun glass. An nicely polished wood box with lock key. 23000/-

84.SEXTANT STAND:

Nice duco painted heavy base with steel C.P. rod 9000/-

85. READING TELESCOPE:

For school and juniors college, focussing from one meter to infinity, Ramsden eye piece with cross wire, achromatic optical equipment With rack & pinion, fitted on cast iron base. 2400/-

86.READING TELESCOPE:

Same as 94 with perspex scale provided with up and motion Improved design. 3400/-

87.READING TELESCOPE DELIGHT UNIVERSAL DELUXE:

Fitted on nice duco painted round cast iron heavy base with levelling Screws. The telescope is provided with high class optical combination And brass C.P. fitting with up and down to and fromotion, complete With perspex scale. 5800/-

88.ASTRONOMICAL TELESCOPE:

Overall length about 68cms. It is fitted with 50mm dia achromatic objectives . the telescope is mounted on pillar having universal Motion. The whole line is fitted on deco painted metal stand About 4 feet high adjustable. The telescope is in velvet box.

a) Superior quality with achromatic lenses.

6200/-

b) With regular quality lens.

4200/-

89.ASTRONOMICAL TELESCOPE:

Same as above but the erector tube which can be switched Into the main tube after removing astro eye piece and thus the Astronomical telescope is used as terrestrial telescope, Complete in velvet lined case.

a) Superior quality with achromatic lens.

6900/-

b) With regular quality lens.

4900/-

OPTICAL BENCH

OPTICAL BENCH

89.OPTICAL BENCH SIMPLE:

Made from seasoned wood, well polished one meter long and Provided with six wooden riders.

410 set

90.OPTICAL BENCH WITH WOODEN BED AND METAL ACCESSORIES:

One meter long, seasoned wood, scale in mms on heavy sport
Four metal base slides and four metal accessories. Two of the
Top slides are provided with transverse slow motion arrangement. 1150 set

91. OPTICAL BENCH SINGLE ROD :

Comprises a meter long, square steel rod 18mm thick
graduated in mm and supported on two sturdy metal feet
with levelling screws. Four sliders and four accessories, two
of the slider have fine transverse motions. 1550 set

92. OPTICAL BENCH DOUBLE ROD :

One meter long with metal accessories dia of Rod 5/8". Steel C.P. 1950 set

93. OPTICAL BENCH DOUBLE ROD :

Same as above but 1½ metre long rod. 2150 set

94. OPTICAL BENCH DOUBLE ROD :

Consists of two metal rods one of the rod evenly divided
in mms supported on heavy cast iron feet. Four heavy metal
slider and with accessories. Two of the sliders have transverse
motion.

a) Half Shaper. 1meter Steel C.P. Rod. 2350 set

b)Half Shaper. 1½ Meter Steel C.P.Rod. 2650 set

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| c) Half Shaper. 1 Meter with Both Rod Brass Pipe Covered. | 3100 set |
| d) Half Shaper. 1½ Meter with Both Rod Brass Pipe Covered. | 3600 set |

95. JAINCO OPTICAL BENCH FULL SHAPER :

DELIGHT Double Rod Accessories.

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|---------------------------------|----------|
| a) 1 Meter Long Iron C. P. Rod | 3750 set |
| b) 1½ Meter Long Iron C. P. Rod | 4050 set |

96. OPTICAL BENCH FULL SHAPER ACCESSORIES WITH :

- | | |
|--|----------|
| a) Both rods covered with Brass Pipe. 1 Meter long | 4250 set |
| b) -do- 1½ Meter Long. | 4750 set |

97. OPTICAL BENCH FULL SHAPER ACCESSORIES WITH :

DELIGHT

- | | |
|---------------------------------------|----------|
| a) 1 Meter Long Stainless Steel Rod. | 5200 set |
| b) 1½ Meter Long Stainless Steel Rod. | 6100 set |

98. RESEARCH OPTICAL BENCH :

DELIGHT Consisting of heavy cast iron bed with strong central rib, thoroughly seasoned and aged before machining, total length 170cm fitted with stainless steel scale divided in MM. Four carriages are provided to carry the standard experiment accessories.

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|---------------------------|-----------|
| i) Optical Slit | |
| ii) Biprism holder | |
| iii) Micrometer Eye Piece | |
| iv) Liyod's Mirrors | 91000 set |

99. RAY OPTICS KIT :

An Ideal Instrument for work in elementary optics to demonstrate basic principles of light like reflection, refraction, deviation of light through prism or slab, with standard accessories.

5100/-

100. BIPRISM ASSEMBLY :

DELIGHT

W/O Optical Bench with following Accessories

- i) Biprism holder
- ii) Adjustable Slit
- iii) Micrometer Eye Piece
- iv) Automatic Lens holder

6000 set

101. NODLE SLIDE ASSEMBLY :

- a) Lamp Holder
- b) Metal Screen White, with cross slit
- c) Plane true tiltable mounted mirror
- d) Lens assembly consisting of double lens holder with clamping arrangement for performing nodal point experiments.

8400 set

LENSES & MIRRORS

MIRRORS AND LENSES

102. CONCAVE AND CONVEX MIRROR :

Superior, Optically true, back nicely silvered with protective coating, any focal length from 10 to 100 cm.

Diameter	50MM	75MM
FL 15 to 100 cm	44.00	92/-

103. DOUBLE CONCAVE LENS :

Highly Polished and well edged, manufactured from plate glass optically true :

Diameter	50MM	75MM
FL 5	120.00	-----
FL 10 to 12 cm	108.00	240.00
FL 15 to 100 cm	40.00	160.00(FL 15 & 20CM)
.		96.00(FL 25 & 100CM)

104. DOUBLE CONVEX LENS :

Highly Polished and well edged, manufactured from plate glass optically true :

Diameter	50MM	75MM
FL 5 cm	84.00	-----
FL 10 cm	64.00	192.00
FL 15 to 100 cm	26.00	120.00

105. MAGNIFIERS :

With Beautiful Iron C.P. Handle Brass C.P. Ring.

Diameter	37MM	50MM	75MM	100MM	150MM
FL 20 to 100 cm	60.00	80.00	156.00	300.00	720.00

106. MAGNIFIERS :

a) 75 MM Magnifier (Bakelite Handle 3")	192/-
b) 100 MM Magnifier with Light (Imported)	360/-

107. FRESNEL BIPRISM :

a) 40 x 32 MM	600/-
b) 50 x 40 MM	800/-

108. GLASS SLAB :

(Indian) made from superior quality moulded glass with glossy surface.

Size	Regular Quality	Superior Quality
a) 75 x 50 x 12 MM	-----	80.00
b) 75 x 50 x 18 MM	92.00	140.00
c) 100 x 60 x 25 MM	280.00	460.00

109. GLASS SLAB HOLLOW :

75 x 50 x 18 mm	192/-
Lens Set of 6 (50mm Dia)	200 set

110.GLASS PRISM HOLLOW:

a) 38 * 38 mm	132/-
b) 50 * 50 mm	156/-

111. GLASS PRISM :

Equilateral Surfaces are highly polished.

Size:	Superior Quality
a) 38 x 38 MM	84/-
b) 50 x 50 MM	144/-

112. SPECTROMETER PRISM :

For Spectrometer

Glass	Refractive index	25 * 25 mm	32 * 32 mm	38 * 38mm
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Crown Glass	3.02	400/-	800/-	1000/-
Dense Flint	3.24	900/-	1400/-	2200/-
Extra Dense Flint	3.30	1180/-	1900/-	3000/-

113.A RIGHT ANGLE PRISM :

38mm	58mm
140/-	192/-

114. DIFFRACTION GRATING :

15000 lines per inch	Regular Quality	Superior Quality
.	600/-	1800/-

115. MIRROR STRIP :

Silver back with protective coating

(a) 75 x 50 MM: 132.00 doz.

(b) 100 x 50 MM: 180.00 doz.

(C) 100 x 25 MM: 156.00 doz.

116.A MIRROR STRIP :

Mounted on Wooden Base	100/-
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117. MIRRORS STRIP HOLDER :

Wooden cube with a slot to hold the mirror strip. doz.	144.00
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Cube with a slot to hold the mirror strip plastic	44.00 doz.
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118. DIRECT VISION SPECTROSCOPE :

(Hand Spectroscope) wide spectrum with 10 x 10MM D. V. prism with precision slit, fitted in brass body with telescopic focussing, in velvet case.	2700/-
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119. MODEL OF COMPOUND MICROSCOPE :

Fitted on base.	520/-
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120. MODEL OF ASTRONOMICAL TELESCOPE :

Fitted on base.	520/-
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121. MODEL OF TERRESTRIAL TELESCOPE :

Fitted on base.	600/-
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122. PERSISTENCE OF VISION APP. :

(Bird & cage app.) Battery Operated.	660/-
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123. OPTICAL LEVER :

Single Aluminium body. 288/-

124. EYE PIECE :

With CrossLine graticule suitable for spectrometers. 760/-

125. NEWTON RING APP. :

A pair of glasses, One plane, other convex 50 MM in a metal frame with three screws for applying pressure. 460/-

126. TICKER TAPE TIMER :

With a transformer and Paper Roll. 1900/-

127. SPARE POLARIMETER TUBES :

In a Velvet Box. 1360/-

128. LENS HOLDER :

V-Shaped wooden Polished. 60/-

129. GROUND GLASS SCREEN :

Wooden Polished 80/-

130. WIRE GAUGE SCREEN :

Wooden Polished 80/-

131. UNIVERSAL LENS HOLDER :

Metal on adjustable stand. 240/-

132. CANDLE HOLDER :

Metal on adjustable metal stand. 176/-

133. PARALLEX PIN :

On an adjustable metal stand. 6MM: 96/- 9MM: 128/-

134. LENS HOLDER :

(Spring type brass) on adjustable metal stand. 640/-

135. PIN HOLE CAMERA :

(a) wooden: 216/-
(b) Brass: 180/-

136. KALIEDOSCOPE :

Brass N. P. 180/-

137. PERISCOPE :

Made from wood polished.

252/-

138. ANGULAR MIRROR :

Wooden

440/-

139. REFLECTION OF LIGHT

440/-

139A. LAMP BOX WOODEN

700/-

139B. LENS SCREEN WHITE

100/-

KEYS AND SWITCHES

140. PLUG KEY :

Made from 7/16" thick brass block fitted on a heavy bakelite base with brass screws.

One Way

144.00

Two Way

208.00

Three Way

260.00

141. PLUG KEY :

Commutator four way circular on thick bakelite base with brass screws.

408/-

Commutator six way circular on thick bakelite base with brass screws.

780/-

142. POHL'S COMMUTATOR :

With brass C.P. parts fitted on a thick bakelite base. 560/-

143. REVERSING SWITCH :

With a Handle, fitted on a thick bakelite base. 396/-

144.TAPPING KEY:

Single fitted on thick bakelite base with brass C.P points. 120/-

145.TAPPING KEY DOUBLE: 180/-

146.RELAIGH KEY:

For self induction, fitted in a thick bakelite base with brass parts. 960/-

147.CHARGE AND DISCHARGE KEY:

Fitted on a thick bakelite base with contact. 760/-

148.D.P.D.T Switch

Brass strip mounted on board. 440/-

149. CARRY FOSTER KEY :

Fitted on bakelite base with brass CP parts.

1800/-

RESISTANCE COIL

150. RESISTANCE COIL :

In round bakelite case with brass screws terminals, any value 0.20 to 100 ohms is available.

60/-

151. RESISTANCE COIL :

In transparent plastic tube, accuracy $\pm 0.40\%$ any value 0.20 to 100 ohms is available.

80/-

152. HIGH RESISTANCE COIL :

Enclosed in bakelite tough case
Value: 1K, 2K, 5K, 10K, 15K (K stand for 1000ohms)

384/-

RESISTANCE BOX

153. RESISTANCE BOX PLUG TYPE :

Teak wood box fitted with 7/16" rectangular brass, blocks accuracy $\pm 0.20\%$

Ranges	Total Resistance	Constant Coil	Manganian Coil
a) 1 to 10 or .1 - 1	200	1560.00	1700.00 each
b) 1 to 50 or .1 - 5	110	1960.00	2100.00 each
c) 1 to 100 or .1 - 10	210	2100.00	2300.00 each
d) 1 to 500 or .1 - 50	1110	2400.00	2600.00 each
e) 1 to 1000 or .1 - 100	2110	2600.00	2880.00 each
f) 1 to 5000 or .1 - 500	11110	2880.00	3220.00 each

g) 1 to 10000 or .1 - 1000	21110	3080.00	3400.00 each
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154. RESISTANCE BOXES PLUG TYPE :

In a teak wood box fitted with Gun Metal heavy rectangular $\frac{1}{2}$ " block. Double silk covered non inductive winding accuracy ± 0.04 to 0.20% . Interchangeable plugs, heat treatment given to resistance. Seasoning of wound bobbins to gain equilibrium.

Ranges	Total Resistance	Constant Coil	Manganian Coil
a) 1 to 10 or .1 - 1	200	1680.00	1880.00 each
b) 1 to 50 or .1 - 5	110	2080.00	2240.00 each
c) 1 to 100 or .1 - 10	210	2300.00	2460.00 each
d) 1 to 500 or .1 - 50	1110	2700.00	3000.00 each
e) 1 to 1000 or .1 - 100	2110	3000.00	3200.00 each
f) 1 to 5000 or .1 - 500	11110	3240.00	3500.00 each

g) 1 to 10000 or .1 - 1000	21110	3500.00	3800.00 each
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155. RESISTANCE BOX PLUG TYPE :

Export Quality, Extra Superior, 9/16" thick Brass Blocks with teak box.

Ranges	Total Resistance	Constant Coil	Manganian Coil
a) 1 to 10 or .1 - 1	200	2080.00	2240.00 each
b) 1 to 50 or .1 - 5	110	2460.00	2620.00 each
c) 1 to 100 or .1 - 10	210	2740.00	2980.00 each
d) 1 to 500 or .1 - 50	1110	3120.00	3400.00 each
e) 1 to 1000 or .1 - 100	2110	3640.00	4200.00 each
f) 1 to 5000 or .1 - 500	11110	3900.00	4500.00 each

g) 1 to 10000 or .1 - 1000	21110	4200.00	4600.00 each
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156. RESISTANCE BOX DIAL TYPE :

DELIGHT Designed for quick and accurate work. The resistor values are shown on a thick bakelite sheet and read by a pointer. Each dial consists of 10 steps. Constant coils, accuracy $\pm 0.10\%$ to $\pm 0.20\%$.

- One Dial: 1400.00 each
- Two Dial: 2700.00 each
- Three Dial: 4200.00 each
- Four Dial: 5600.00 each
- Five Dial: 7000.00 each

157. RESISTANCE BOX DIAL TYPE :

Same as above with Manganin Coil Accuracy $\pm 0.04\%$ to $\pm 0.10\%$.

- One Dial: 1700.00 each
- Two Dial: 3400.00 each
- Three Dial: 5100.00 each
- Four Dial: 6800.00 each
- Five Dial: 8500.00 each

POST OFFICE BOX

POST OFFICE BOX

158. POST OFFICE BOX :

Education Quality, Brass Block, Plug Type, having 3 pairs of ratio coils, 10, 100, 1000 ohms and 16 series coil constant wire. All Plugs are interchangeable with accuracy 0.20%.

- | | |
|------------------------|--------|
| a) With 3 ratio coils: | 3900/- |
| b) With 4 ratio coils: | 4300/- |

159. POST OFFICE BOX :

- | | |
|---|--------|
| a) Constant Coil standard Teak Box. ½" Block: | 7800/- |
| b) With 4 ratio coils: | 8200/- |

160. POST OFFICE BOX :

Same as above but with Manganin Coils. ½" Blocks.

- | | |
|------------------------|--------|
| a) With 3 ratio coils: | 8400/- |
| b) With 4 ratio coils: | 8800/- |

161. POST OFFICE BOX :

Standard Quality, Most Superior Brass Block 9/16" Manganin Coils.

- | | |
|------------------------|---------|
| a) With 3 ratio coils: | 11600/- |
| b) With 4 ratio coils: | 12400/- |

162. POST OFFICE BOX DIAL TYPE :

Constant Coils, 6 dials each consisting of 10 steps provided with four ratios of 1, 10, 100, 1000 ohms, and 2 ratios dials:	15000/-
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163. POST OFFICE BOX DIAL TYPE :

6 dials, same as above but with Manganin Coils: 16000/-

164. POST OFFICE BOX :

Constantan Coils (Dial Type) as per Cat No. 173 But 5 dials: 13600/-

165. POST OFFICE BOX :

Dial Type Manganian Coils 5 dials — 14600.00 each

166. POST OFFICE BOX :

a) 4 dials, Constant Coil	12200/-
b) 4 dials, Manganian Coil	13400/-

167. SENSITIVITY GALVANOMETER FITTING :

In any of the above mentioned Post Office - Cat No. 173 to 179
(charge extra) 500/-

168. RHEOSTATS :

8.60 cm ($1\frac{3}{4}$ ") dia tube wound with heavily oxidised eureka wire, mounted feet, with laminated brush contacts of phosphorus bronze strips brass C.P. guide rod, lock type terminals, Brass Parts and Metal Feet.

Length in cms	15cm	20 cm	25cm	30cm	35cm	40cm	45cm	50cm
<i>in inches</i>	6"	8"	10"	12"	14"	16"	18"	20"
AMPS	—	—	—	---OH	MS--	—	—	—
A 16.00	3.00	5.00	7.00	9.00	11.00	13.0 0	15.0 0	17.0 0
B 13.00	3	8.80	6	15.00	9	21.0 0	12	13
C 10.00	9.00	13.0 0	9	11	13	15	18	20
D 8.00	8	12	16	20	24	28	32	36
E 6.60	11	16	22	27	33	38	44	50
Price	820/-	920/-	1040/ -	1160/-	1280 /-	1400 /-	1520 /-	1640 /-

F 5.60	15	22	30	37	45	52	60	67
G 4.60	23	34	46	57	70	80	90	100
H 3.60	37	55	74	92	110	128	148	165
I 3.20	50	75	100	125	150	175	200	225
K 2.40	89	135	180	225	270	315	355	395
L 2.00	116	175	235	290	350	405	640	515
M 1.60	160	240	320	400	480	560	1070	720
N 1.20	270	400	540	670	900	930	1600	1200

O 1.00	400	600	800	1000	1200	1400	2640	1800
P 0.80	6600	975	1300	1625	1950	2275	4550	2950
Q 0.60	1150	1700	2250	2850	3400	3950	4550	5150
Price	760/-	860/-	960/-	1000/ -	1160 /-	1260 /-	1380 /-	1480 /-

169. RHEOSTATS (GROOVED TYPE) :

Grooved Tube wound with Eureka Wires on 11.20 cm 2½" dia tube in grooves to avoid loosening of wire. Brushes of hard laminated Brass are phosphorus bronze strips. Finished in tide grey and bright chrome, Rheostats are available in several ranges. Temperature resistance 100° C above room temperature.

Length in cms	15cm	20cm	25cm	30cm	35cm	40cm	45cm	50cm
<i>in inches</i>	6"	8"	10"	12"	14"	16"	18"	20"
AMPS	—	—	—	--OH	MS--	—	—	—

A 13.00	2	3	8.80	6	15.00	9	21.00	12
B 5	9.00	13.00	9	12	15	18	21	24
C 8.40	7	10	14	18	22	26	30	34
D 6.60	8	11	16	20	28	36	44	52
E 5.60	12	16	22	30	38	46	54	64
F 5.60	16	25	34	44	60	76	92	108
G 4.60	20	40	60	90	118	146	172	200
H 3.60	32	52	72	120	160	190	220	250
I 3.20	48	76	120	160	200	240	280	300

J 2.80	60	100	140	185	225	290	315	355
K 2.40	95	120	155	200	290	370	450	530
L 2.00	160	240	320	400	480	560	640	720
M 1.60	270	400	540	670	800	930	1070	1200
N 1.20	300	500	700	1000	1300	1600	1900	2200
O 1.00	360	660	975	1300	1625	1950	2275	2640
P 0.80	600	1150	1700	2250	2850	3400	3950	4650
Price	1080/ -	1200/ -	1380/ -	1620 /-	1920/ -	2080/ -	2360 /-	2720/ -

POTENTIOMETERS

POTENTIOMETERS

170. POTENTIOMETERS :

On a nicely polished plywood base with full sunmica top fitted with soft wood graduated scale. 100cm x 1mm with brass CP connecting strips and brass terminals.

Number of Wires	4 wire	10 wire
a) With pencil Jockey	1320/-	1800/-
b) With spring action aluminium jockey	1860/-	2600/-
c) With spring action Brass jockey	2100/-	3300/-

171. POTENTIOMETER 4 WIRE :

a) On 18mm thick both side laminated wooden board with pencil jockey, heavy terminals, thick strips and brass screws, pencil jockey export quality:	1740/-
b) Pulley Type Pencil Jockey export quality:	2040/-

172. POTENTIOMETER 10 WIRE :

a) On 18mm thick both side laminated wooden board with pencil jockey, heavy terminals, thick strips and brass screws, pencil jockey export quality:	2400/-
b) Pulley Type Pencil Jockey Export Quality:	3060/-

173. PENCIL JOCKEY :

Brass Parts:

80/-

174. POTENTIOMETER DIAL PATTERN :

The slide wire is 50cm long fitted over a graduated plate divided in 500 parts. The Jockey is of superior type and slides on the metal rod. The dial consists of 10 coils connected in series to the slide wire:

5900/-

175. POTENTIOMETER DIAL PATTERN :

Same as above with 14 coils:

6400/-

176. CROMPTON POTENTIOMETER :

Direct reading type, consisting of 8 coils and a circular slide wire. The scale is divided into 200 parts with potential drop of 200 milli volts, direct reading, with arrangement for standardising with a standard cell. Fine & coarse rheostats are provided for adjusting the slide wire. Current Range .001 to 3.60 Volts Manganian coils without standard cell and accessories:

9500/-

177. PLATINUM RESISTANCE THERMOMETER :

Cambridge type, heat treated, winding of purest form of platinum, enclosed in a Borosil Glass grounded tube, resistance apparatus 5.60 ohms fundamental interval 1 ohms, four terminate two for thermometer and two for compensatory leads.

9800/-

BRIDGES

BRIDGES

178. METER BRIDGE :

(Wheatstone Bridge) One meter, two gaps type or four gaps with plywood base with full sunmica top with graduated scale constantan wire base C.P. strip and brass terminals.

- | | |
|------------------------------------|--------|
| a) With Pencil Jockey. | 1620/- |
| b) With Pressing Jockey Aluminium. | 1920/- |
| c) With Pressing Jockey Brass. | 2300/- |

179. METER BRIDGE EXPORT QUALITY :

Deluxe Model on 18mm thick both side Laminated Wooden Board with Superior Meter Scale, Pencil Jockey. 2300/-

180. METER BRIDGE EXPORT QUALITY EXTRA SUPERIOR :

With thick Copper Strips, All Brass Terminals & Screws on 18mm, Laminated Board, Pencil Jockey. 2900/-

181. KOHLRAUSH CONDUCTIVITY BRIDGE :

For direct measurement of electrolytic resistance, Comprising a Calibrated Scale 0.20 to 10, ohms and multiplier ratio dial, giving 6 ratios 0.20, 1, 10, 100, 1000 and 10000. It is useful for quick determination of resistance too when galvanometer replace the headphone in the detector circuit with fixed circular scale accuracy $\pm 0.20\%$.

11000/-

182. INDUCTION COIL :

Sensitive to be used with Kohlrausch Conductivity Bridge. 1500/-

183. HEAD PHONE :

Extra sensitive to be used with Kohlrausch Conductivity Bridge. 1320/-

184. CALLENDAR AND GRIFFITH'S BRIDGE :

Carry Foster Bridge and Potentiometer, 3 Instrument in one,
It is an improvement over the Potentiometer. The 50cm long
slide wire if 1 ohms resistance is calibrated into 100 equal parts.
14 Coils are arranged in series in dial form, each being of 1
ohms resistance. Terminals arranged for appropriate working
of different instruments. Jockey sliding on brass rod, accuracy
of adjustment $\pm 0.10\%$.

13000/-

185. DESAUTY'S BRIDGE :

For Comparison of capacities of condensers.
Accuracy $\pm 0.10\%$ to $\pm 0.20\%$.

14400/-

186. RELEIGH'S BRIDGE :

For Measurement of Self Inductance of a coil,
calibrated to $\pm 0.10\%$ to $\pm 0.20\%$

15600/-

187. ANDERSON BRIDGE :

For Measurement of Inductance in terms of capacity and resistance. Ratio dials each having resistance 10, 100, 1000 ohms. Decade dials of x10, x100, x1000 ohms. Decade dials of above for inductance ohms. Decade dials of x.1, x1, x10 ohms. A buzzer is provided for the source of A.C. Supply.

- | | |
|--------------------------|---------|
| a) With Constant Coils: | 21000/- |
| b) With Manganian Coils: | 22400/- |

188. PORTABLE WHEATSTONE BRIDGE :

Designed to provide an accurate and sensitive instrument for measurement of resistance and location of faults in cables by adopting the murray or verlay loop circuit for tests.

Range : 0.02 ohms to 22.22 megaohms.

- | | |
|--|---------|
| a) With Constant Coils, accuracy $\pm 0.20\%$: | 17600/- |
| b) With Manganian Coils, accuracy $\pm 0.04\%$: | 19200/- |

189. KELVIN DOUBLE BRIDGE :

For precise measurement of low resistance capable of measuring resistance from 0.20 micro-ohm to 2.20 ohms. Ten standard resistance of Manganian are provided in step of 0.20 ohm each in dial form with five multiple ratios of .001, 1, 10 and 100 ohms. The circular slide wire of .01 ohms is also made from thick Manganian Wire, having extremely low temperature coefficient. Calibrated to ± 0.10 to 0.04% with heavy construction:

23000/-

190. KELVIN DOUBLE STUDENT BRIDGE:

13200/-

METER
PANEL METER

191. AMMETER OR VOLTMETER :

AC/DC with bakelite stand:

240/-

192. AMMETER, MILLIAMMETER OR VOLTMETER, MILLIVOLTMETER OR GALVANOMETER :

DC mounted in beautiful bakelite/acrylic stand with accuracy $\pm 4.00\%$ F.S.D. with a lock type terminal packed in a card box.

All common ranges available.

Size	MO65	MO65	MS72	MR100
	Top Terminal	Deluxe Model	Square	(80*100)Rect.
Price	420/-	480/-	680/-	820/-

193. MICRO-AMMETER :

Same as above

	MO65	MO65	MS72	MR100
	Top Terminal	Deluxe Model	Square	(80*100)Rect.
0 to 50 μ A	820/-	900/-	980/-	1180/-
0 to 100 μ A	640/-	820/-	920/-	1140/-
0 to 250 μ A	560/-	720/-	820/-	1000/-
0 to 500 μ A	540/-	600/-	700/-	960/-

194. VOLTMETER AC & AMMETER AC (RECTIFIER TYPE) :

Same as above

Voltmeter	MO65	MO65	MS72	MR100
	Top Terminal	Deluxe Model	Square	(80*100)Rect.
	560/-	620/-	720/-	800/-
Ammeter	600/-	720/-	820/-	960/-

195. DEMONSTRATION METER TRIPLE RANGE :

All three meters in one unit. Range : Ammeter 0-3amps,
Voltmeter 0.60 volts, Galvanometer 30-0-30.

2100/-

196. AMMETER, VOLTMETER OR GALVANOMETER DEMONSTRATION MODEL :

1500/-

197. SPOT REFLECTING GALVANOMETER :

Osaw type with built-in-lamp and scale arrangement time period
app. 3.60 second, Coil Resistance :

a) 100 ohms or

b) 600 ohms.

9200/-

198. MULTIMETER :

A Multi-Range Instrument for measurement of voltage, current and resistance. Moving coil meter having red pointers over two colour scale. Complete with test leads, probes and internal battery.

820/-

199. MULTIMETER :

Sanwa P-3

2100/-

200. BALLASTIC GALVANOMETER :

For Measurement of Small Quantities of Electrical Charge. Robust and rigid in construction, easy to operate, provided with zero adjusting and locking devices coil resistance.

a) 100 ohms or 500 ohms OSAW Type.

7900/-

201. LAMP AND SCALE OUTFIT :

Suitable for use with reflecting Galvanometer workable on 220 volts AC, complete with scale and scale attachment, plug and cord.

6000/-

202. LAMP AND SCALE OUTFIT :

Same as above but workable on 6 Volts, provided with a step down transformer.

7200/-

204. OHM'S LAW APP. :

To verify ohms law consists of one dial type terminal, one each sensitive voltmeter 5 volt & milliammeter 500 m, mounted in spray painted metal box with terminals.

2100/-

205. OHM'S LAW APP. :

Same as above but fitted with step down transformer giving 1.5V, 3 Volt, 9.00 Volt and lead wire.

2700/-

206. RESISTANCE IN SERIES :

It consists of one Voltmeter, one Milliammeter and three Carbon resistance connected in series mounted in a box.

2200/-

207. RESISTANCE IN PARALLEL :

Consists of Milliammeter three carbon resistance mounted in a box.

2200/-

208. RESISTANCE IN SERIES & PARALLEL :

With transformer versatile instrument to verify ohms law as well as law of resistance in series & parallel consists of two meter, five transparent resistance coil and a step down transformer giving 1.5V, 3V, 4.5V housed in metal case & provided with On/Off switch LED indicator and a lead wire.

3400/-

TANGENT GALVANOMETER

209. TANGENT GALVANOMETER :

Having three standard windings 2, 5, 50 or 2, 50, 500.

The bakelite ring with winding is mounted in bakelite base with four terminals. The whole assembly rotates on a non magnetic tripod base with non magnetic levelling screw.

Complete with compass box, Aluminium Parts.

1560/-

210. TANGENT GALVANOMETER :

Same as above but with Brass C.P. Parts.

2300/-

211. TANGENT GALVANOMETER :

Same as above, but fitted with Brass parts superior (Export Quality). Provided with a very sensitive compass box.

2900/-

212. TANGENT GALVANOMETER :

Superior Quality, Double Range (20, 40, 60 & 80, 100, 120) with Compass Box.

3500/-

213. HELMHOLZ'S GALVANOMETER :

With two coils exactly alike and parallel. The Coils increase the uniformity of the field and thus makes it more sensitive.

With Brass C.P. parts and sensitive compass box.

5100/-

214. STEWART AND GEE'S APP. :

To determine the variation of magnetic field along the axis of a coil with 2 sets of coils 250mm dia having different number of turns and capable of carrying heavy current, mounted in metallic frame.

6600/-

215. STEWART & GEE'S APP. :

--do-- as above with Wooden Frame.

4800/-

216. COMPASS BOX :

For Tangent Galvanometer with anti-parallel mirror and sensitive needle packed in card box.

272/-

217. COMPASS BOX DELUX :

Same as above with permanent magnet and stone agate bearing needle, more sensitive, packed in card box.

384/-

DYNAMO

DYNAMO & MOTOR

218. DYNAMO :

AC/DC actual working model fitted on sunmica base with LED indicator and reversing switch packed in card box.

880/-

219. DYNAMO WHEEL TYPE :

(AC) working model fitted on a sunmica base with LED packed in a card box.

700/-

220. DYNAMO WHEEL TYPE :

DC Same as above.

700/-

221. DYNAMO WHEEL TYPE :

AC/DC with a shocking coil.

1700/-

222. MOTOR-CUM-DYNAMO :

An Instrument which can work as a dynamo as well as a motor provided with U-Shape magnet and LED Holder on a sunmica base packed in a card box.

1700/-

223. MOTOR HEAVY :

Mounted on a sunmica wooden base workable on 2–4 volt DC with Newton colour disc, packed in card box.

460/-

224. MOTOR HEAVY :

Export Model fitted on Hylem Sheet with Brass Screw packed in card box.

1600/-

225. NEWTON COLOUR DISC 6" :

Hand Operated, On Metal base packed in card box.

360/-

226. NEWTON COLOR DISC :

With Wooden Base & Disc Dia 8".

820/-

227. INDUCTION COIL :

In cabinet polish wooden boxes, coils are made from best quality enamelled copper wire and paraffin insulation is provided throughout. Fitted with platinum contact with removable spark discharger. Complete with ON/OFF switch of primary and two bakelite look type terminals. Coils upto 15mm spark length are workable on 4-6 volts and rest on 6-12 volts DC.

Spark	10mm	15mm	20mm	25mm	50mm	75mm	100mm
Length	2700/-	2980/-	4200/-	4500/-	8800/-	11000/-	13000/-

228. INDUCTION COIL :

25mm in a cabinet polish box with a transformer.

5000/-

229. SELF & MUTUAL INDUCTION COIL :

Consists of 3000 turns of 30 SWG cooper wire wound on a pool which is mounted on a wooden base.

2900/-

229A. BRASS WIRE FOR SONOMETER 100GM PACK 24 SWG.

160 100gm.

230. COOPER WIRE :

Double Cotton covered (D.C.C.) for connections. 24 S.W.G.

1450-kg.

231. EUREKA WIRE :

(Resistance Wire)

S.W.G	22	24	26	28	30
Price(100gm)	150	170	180	190	200

232. NICHROME RESISTANCE WIRE :

S.W.G	22	24	26	28	30
Price(100gm)	170	180	190	200	210

233. MANGANIAN RESISTANCE WIRE :

S.W.G	22	24
Price(100gm)	270	300

233A. STEEL WIRE FOR SONOMETER OR YOUNG'S
MODULES :

60 100gm

ELECTRICITY

FRICTIONAL AND CURRENT ELECTRICITY

234. GLASS ROD :

300mm x 3/8" dia. 40/-

235. EBONITE ROD :

300mm x 12mm dia. 88/-

236. HALF BRASS & HALF EBONITE ROD : 116/-

237. HALF BRASS & HALF GLASS ROD. : 116/-

238. ELECTROPHOROUS :

Brass C.P. Disc with knob and ebonite handle fitted on
ebonite base. 332/-

239. PROOF PLANE :

with a Handle. 60/-

240. GOLD LEAF ELECTROSCOPE :

In a jar with aluminium parts packed in a card box. 600/-

241. GOLD LEAF ELECTROSCOPE :

Box form of wood, both side glass packed in a card box. 420/-

242. GOLD LEAF ELECTROSCOPE :

In Conical Flask packed in a card box. 360/-

243. GOLD LEAF ELECTROSCOPE :

Box Type Metal case packed in card box. 1000/-

244. PITH BALL PENDULAM :

On Stand with insulated arm. 100/-

245. CONDUCTOR SET OF 3 :

Brass C.P. on insulated stand with tripod base, cone, sphere, cylinder set of 3 medium size. 1200/-

246. BIOT'S APP. :

With one central sphere two hemispherical covers with handle, Dia 2"

400/-

247. FARADAYS BUTTERFLY NET :

On Insulated Stand.

240/-

248. SIMPLE VOLTIC CELL :

Comprising Battery Jar 150 x 50 mm, Zinc & Copper Plates fitted on bakelite cover packed in card box.

20/-

249. DANIEL CELL :

Comprising polished copper vessel with terminal, porous pot empty and a Zinc Rod.

720/-

250. LECLANCHEE CELL :

Comprising a thick plastic jar, charged porous pot and zinc rod.

420/-

251. LECLANCHEE CELL :

With Superior Quality Pots.

600/-

252. COPPER PLATE :

With Brass Terminals. 116/-

253. ZINC PLATE :

With Brass Terminals. 88/-

254. ZINC ROD :

With Brass Terminals 150 x 9 mm. 116/-

255. ZINC ROD :

With Brass Terminals 150 x 12 mm. 192/-

256. CARBON ROD :

Superior Quality with Brass Screw & Terminals. 96/-

256A. COPPER ROD :

a) 8mm x 150mm 260/-

b) 12mm x 150mm 420/-

257. DANIEL CELL :

Copper Pot Only. 520/-

258. CHARGED POROUS :

Superior Quality. 196/-

259. POROUS POT :

Empty. 48/-

ACCUMULATOR

260. ACCUMULATOR :

Mass type, 2 volts, plastic container with moulded lid and terminals.

(a) 20AH 800/-

(b) 45AH 1200/-

(C) 6 Volts 1560/-

261. DRY CELL. 860/-

262. CROCODILE CLIP :

Red or Black. 24/-

263. BATTERY CLIP :

Medium Size Steel C.P..

32/-

264. BATTERY CLIP :

Big Size C.P. or oxidised.

44/-

BATTERY ELIMINATORS

BATTERY ELIMINATOR

265. BATTERY ELIMINATORS :

With Quality fullbridge rectifier with transformer, rotary switch,
On/Off switch workable on 220 volts AC mains, with safety fuse.

Current	Output	Price
a) 1 Amps	2 to 12 volts DC	1800/-
b) 2 Amps	2 to 12 volts DC	2100/-
c) 3 Amps	2 to 12 volts DC	2400/-
d) 5 Amps	2 to 12 volts DC	3600/-

266. IC REGULATED BATTERY ELIMINATOR (STABILISED) :

A useful device with integrated circuits and a heavy duty transformer.
Output voltage is provided through a selector switch, with jewel light,
safety use and lock type terminals.

(a) Output 2-12 volts DC at	1 Amps.	4200/-
(b) Output 2-12 volts DC at	2 Amps.	5200/-
(c) Output 2-12 volts DC at	3 Amps.	5800/-

267. BATTERY CHARGER :

Workable on 230 volts AC with heavy transformer bridge rectifier, ammeter, current control switch and safety fuse DC output 2-4-6-12 volts selectable.

2 Amps	3 Amps	5 Amps
2640/-	2880/-	4600/-

268. TRANSFORMER :

Demonstration Mounted on sunmica polished base,
Output 2, 4, 6, 8, 10, 12 volts AC Input - 220 volts.

(a) 1 Amps.	900/-
(b) 2 Amps.	1350/-
(C) 3 Amps.	1700/-

269. STEP DOWN TRANSFORMER :

For Low AC Output Voltage requirements in Laboratories housed in steel cabinets.

(a) 2-12 volts DC at	1 Amps.	1500/-
(b) 2-12 volts DC at	2 Amps.	1800/-
(c) 2-12 volts DC at	3 Amps.	2100/-

MICROMETER & SPHEROMETER

270. MICROMETER SCREW GAUGE :

Micrometer with ratchet stop, dull chromium plated brass body, accurately threaded C.P. rod. Packed Individually in a beautiful printed duplex box.

Size	10mm	15mm	20mm	25mm
School Grade	180/-	220/-	260/-	320/-
College Grade	252/-	288/-	332/-	420/-
Pitch $\frac{1}{2}$ mm	264/-	300/-	352/-	440/-

MEASUREMENT

271. MICROMETER SCREW GAUGE :

Same as 301 but provided with Stainless Steel Rod College Grade.

Size	10mm	15mm	20mm	25mm
Pitch 1mm	336/-	372/-	460/-	560/-
Pitch 1/2	352/-	392/-	480/-	580/-

272. MICROMETER SCREW GAUGE :

Morse and Wright type 25mm with stainless steel rod, provided with locking arrangement. Packed in a velvet box.

640/-

273. DEMONSTRATION SCREW GAUGE MODEL :

20 cm long, made of silver alloy useful for class instruction.
Packed in a card box.

1800/-

274. SPHEROMETER :

Brass Scale and disc, base fitted with threaded C.P. rods and legs.

	1/100mm	1/200mm
School Grade	240/-	252/-
College Grade	320/-	332/-

275. SPHEROMETER :

Same as above but with stainless steel threaded quality and legs.

1/100mm - 396/-

1/200mm - 412/-

276. SPHEROMETER :

Pye type double disc heavy and superior quality

1/100mm - 420/-

1/200mm - 440/-

277. SPHEROMETER :

Double disc with stainless steel rod & legs.

1/100mm - 492/-

1/200mm - 512/-

288. DEMONSTRATION SPHEROMETER MODEL :

VERNIER CALLIPERS

289. VERNIER CALLIPER :

With a thumb wheel C.P. packed in a printed duplex box.

156/-

290. VERNIER CALLIPER :

With thumb wheel stainless steel packed in a velvet case.

720/-

291. VERNIER CALLIPER :

I.M.E. Type in velvet case.

460/-

292. DEMONSTRATION VERNIER CALLIPER MODEL :

WEIGHTS MEASUREMENTS

293. WEIGHT BOXES :

Analytical most accurate. Most carefully tested and adjusted on the most sensitive balance, packed in nicely polished wooden boxes.

	50gm	100gm	200gm
Teak Polished Wooden Box	820/-	960/-	1500/-
Our Own Tested 'A' Grade	1000/-	1180/-	1700/-
I.D.D.C. mark 'A' grade	4200/-	4800/-	5400/-

294. PHYSICAL WEIGHT BOX :

Brass C.P, polished wooden box, duly tested packed in box.

Capacity 50gm:	800/-
Capacity 100gm:	960/-
Capacity 200gm:	1500/-
Capacity 500gm:	3800/-
Capacity 1000gm:	6400/-

295. PHYSICAL WEIGHT BOX :

Iron C.P. seasoned wooden box nicely polished.

Capacity 100gm:	300/-
Capacity 200gm:	500/-
Capacity 500gm:	1300/-
Capacity 1000gm:	2400/-

296. ANALYTICAL LOOSE GRAM WEIGHT :

Brass C.P. Tested

1 gms	2 gms	5 gms	10 gms	20 gms	50 gms	100 gms
384/-	480/-	672/-	960/-	1344/-	1824/-	3840/-

297. PHYSICAL LOOSE GRAM WEIGHT :

Brass C.P.

1 gms	2 gms	5 gms	10 gms	20 gms	50 gms	100 gms
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288/-	376/-	572/-	920/-	1260/-	1720/-	3440/-
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298. FRACTIONAL WEIGHT BOX :

(Physical) 1mg to 500mg in a plastic box.

96 doz.

299. FRACTIONAL WEIGHT BOX :

Analytical Good Quality with Forcep.

72/-

300. FRACTIONAL WEIGHT BOX :

Analytical Tested B Grade.

112/-

301. FRACTIONAL WEIGHT BOX :

Analytical Tested A Grade

180/-

302. RIDERS :

5mg to 10mg.

12/-

303. FORCEPS :

SLOTTED WEIGHTS

304. SLOTTED WEIGHT BRASS :

Set of 5 including hanger C.P. polished.

a) 5gms x 5	25gms	80 set
b) 10gms x 5	50gms	130 set
c) 20gms x 5	100gms	230 set
d) 50gms x 5	250gms	410 set
e) 100gms x 5	500gms	750 set

305. SLOTTED WEIGHT :

Iron C.P. set of 5wts. including hanger, chrome plated.

a) 10gms x 5	50gms	66 set
b) 20gms x 5	100gms	80 set
c) 50gms x 5	250gms	120 set
d) 100gms x 5	500gms	260 set

306. IRON SLOTTED WEIGHTS :

Black painted set of five including hanger.

a) 500gms x 5	2.5kg.	380 set
b) 1000gms x 5	5.0kg.	750 set

307. SLOTTED WEIGHTS :

Metal Superior Quality made from Iron shaft, powder coated, dead accurate, rust proof & elegant looking.

a) 500gms x 5	2.5kg.	1020 set
b) 1000gms x 5	5.0kg.	1720 set

METER SCALE

308. METER SCALE :

Made from seasoned wood, accurately graduated in cm with clear and fine divisions 'A' grade

1 Meter	½ Meter
192/-	96/-

309. METER SCALE :

Same as above '**B**' grade

1 Meter	½ Meter
144/-	72/-

310. METER SCALE : (NU-WOOD MAKE)

Regular Quality

1 Meter	½ Meter
88/-	44/-

BALANCES

BALANCES

311. HYDROSTATIC BALANCE :

Same as above with brass parts. 1800/-

312. DISPENSING BALANCE :

Double pan packed in a wooden box without weight.

50gm:	1200/-
100gm:	1320/-

313. PHYSICAL BALANCE :

With 3 agate Knife Edges on polished Wooden Case.

a) Single door case:	1960/-
b) Double door case:	2240/-

314. PHYSICAL BALANCE :

Seven Stone agate, Varanasi Type, Packed in card box.

- | | |
|------------------------------------|--------|
| a) Double door Seasoned wood case: | 2800/- |
| b) Double door teak wood case: | 3200/- |

315. CHEMICAL BALANCE :

(semi analytical) with seven stone agates with sunmica base capacity 200gm sensitivity 1/5mg packed in a card box.

- | | |
|------------------------------------|--------|
| a) Double door Seasoned wood case: | 3000/- |
| b) Double door teakwood case: | 3500/- |

316. ANALYTICAL BALANCE :

Aluminium alloy beam, polished wooden case, with sunmica base, Varanasi Type, In side door case.

- | | |
|------------------------|--------|
| a) Seasoned wood case: | 4400/- |
| b) Teakwood Case: | 5000/- |

317. TRIPPLE BEAM BALANCE :

For Direct Reading with sliding riders with sunmica base, Cap. 111gm:

3000/-

318. TRIPPLE BEAM BALANCE :

Same as above but capacity 310gm:

3400/-

319. TRIPPLE BEAM BALANCE :

Improved Model. Export Quality: 5300/-

320. PERSONAL WEIGHING MACHINE : 2600/-

321. BALANCE BRIDGE :

Wooden: 72/-

SPRING BALANCE

322. SPRING BALANCE :

Flat form, high impact polystyrene body zero adjustment having anodised metal scale with clear and accurate divisions. High tension special wire spring is used for more durability with ring & hook packed in box.

Capacity	100gm	250gm	500gm	1000gm
	80/-	80/-	88/-	96/-

323. SPRING BALANCE :

Transparent Acrylic with ring for suspension and hook for heavy weight.

Capacity	100gm	250gm	500gm	1000gm	2kg	5kg
	144/-	144/-	152/-	152/-	180/-	192/-

STOP CLOCK & WATCHES

324. STOP CLOCK :

Smith type fly back action metal body in card box. 1180/-

325. STOP WATCH :

Mechanical 1/10	Digital Racer	Digital Routine Quality
4500/-	1560/-	380/-

MECHANICS

MECHANICS

326. LEVER OF THREE ORDERS :

Graduated set of three half meter scales on wooden stand.
Superior, W/o weights.

450 set

327. INCLINED PLANE :

60cm long, fitted with glass plate with sliding arrangement to after angle. Provided with frictionless pulley, roller, scale, pan and graduated aluminum arc.

60 x 15.00 cm (3"):	960/-
60 x 10cm (4"):	1120/-

327A. FRICTION BOARD :

with Pan & Pulley	600/-
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328. INCLINED PLANE :

Same as above with brass C.P. arc.

60 x 15.00 cm (3"):	1200/-
60 x 10cm (4"):	1400/-

329. INCLINED PLANE 4" :

Export quality complete with arc, roller and pan in a card box.	1320/-
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330. INERTIA APP. :

All metal packed in card box (Newtons 1st Law)	460/-
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331. NEWTONS SECOND LAW :

Of motion consisting of two iron balls, one spring loaded rod and a clamp fitted on wooden board.	420/-
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332. NEWTONS THIRD LAW :

Of motion consisting of two wooden trollys with bakelite feet and spring loaded axle.

780/-

333. INERTIA BAR :

Made of solid brass bar with central spit chuck clamping suspending wire, size 30cms long and 1.5cm dia.

1660/-

334. INERTIA BAR :

Special Design

2700/-

335. INERTIA DISC :

A brass disc of 150mm dia 6mm thick has two holes drilled and tapped for chuck, one in centre and along the edge of disc

4500/-

336. INERTIA DISC :

As above with iron disc

1500/-

337. INERTIA TABLE :

An aluminium plate of 150mm dia, accurately turned, supports three or more masses fitted into a groove concentric with the circumstances. At its centre, it is supported by steel C.P. rods fitted on a heavy base with levelling screws

4200/-

338. SIMPLE PENDULUM :

With an iron ball about 5cms dia. Suspended by steel wire, clamps for altering of length, steel knife edge support and bracket for fixing to shelf

1200/-

339. COMPOUND BAR PENDULUM :

A polished steel bar 100 x 2.5cms bored at every 5cms and provided with 2 removable knife edge. Complete with wall bracket powder coated

1380/-

340. COMPOUND BAR :

Pendulum of Brass Strip C.P

4100/-

341. COMPOUND BAR PENDULUM :

S.S

2800/-

342. BIFILAR PENDULUM :

Two cords are held in chucks of two rectangular bars. The upper can be clamped to retort stand and the lower bar carries an adjustable weight. Arrangement is provided for adjusting the cord to the same length

4200/-

343. TORSION PENDULUM :

A carefully turned Brass Disc 125mm dia and 12mm thick is provided with split chuck in the centre. An aluminium ring of outside dia exactly 125mm has two pins which fit into two

cavities in the disc so that edge of the ring is in flush with the edges of the disc 5400/-

344. TORSION PENDULUM :

-do- Aluminium Disc 150mm 2700/-

345. KATER'S REVERSIBLE PENDULUM :

Consists of a Steel C.P. Rod in meter long, carrying two sets of movable knife edges, hardwood weights are provided to compensate the air displacement 3600/-

346. KATER'S REVERSIBLE PENDULUM :

As above but all metals parts of brass chromium plated 7200/-

347. MAXWELL'S VIBRATION NEEDLE :

Brass C.P. for experiment on rigidity, it consists of a small chuck and carrying a mirror, 2 solid and 2 hollow cylinders, at 10cm long fitted in the Bore of the tube with graduated scale and vernier to read 0.05mm, without stand 5900/-

348. RIGIDITY APP. SEARLE'S :

The 30cm long wire under test is connected to two brass rods 30cm long. Complete with test wires with connecting screws. 2700/-

349. RIGIDITY APP. STAND

3000/-

350. BENDING OF BEAM APP. :

Comprising a metal, C.P. bar one meter long resting on knife edges of two heavy table clamps. Hangers with knife edges support to rest on a beam with a micrometer or spherometer attachment and with electric contact W/O weights.

3600/-

350A. BENDING OF BEAM APP. :

By Koeining Method.

4800/-

351. TORSION APP. SEARLE'S :

Horizontal pattern, pulley is fitted with a drill chuck, Dials are graduated in single degrees. Both the dials and pointers can be clamped at any position. Complete with two rods of steel and brass but without weights.

a) With half meter long rods and two scales:

4200/-

b) With one meter long rods and three scales:

7200/-

352. TORSION APP. SEARLE'S (VERTICAL PATTERN) :

Barton's App. It consists of a substantial mild steel frame mounted on a heavy cast iron base fitted with levelling screws. Three circular scales graduated in single degrees which are free to the side, can

be clamped at any position on one of the frames uprights. Three pointers for clamping to the test rod are provided.

15600/-

353. YOUNG'S MODULUS APP. :

(Searle's) Consists of two nicely duco painted frames connected by a link. The frames are fitted with spirit level, spherometer and self centering chuck. Complete with 4 chucks, ceiling attachment and tension weight, Iron C.P. parts.

1620/-

354. B Aluminium Painted Parts

1120/-

355. YOUNG'S MODULUS APP. :

(Searle's) same as above but with brass parts.

2600/-

356. YOUNG'S MODULUS APP. :

(Vernier Type) : Simple but efficient, consisting of brass scale 10cms long and vernier to read 1/10 mm with V-Slides clamps, guides for wire ceiling and tension weight 6".

1500/-

357. FLY WHEEL :

About 20cms in dia and 45 mm wide turned and accurately balanced mounted on a horizontal shaft held in ball bearings. The wheel is marked and a pointer is fixed to the bracket. The bracket has four holes and can be fixed to the wall.

- | | |
|----------------------|--------|
| a) Without Counter: | 5400/- |
| b) With New Counter: | 6600/- |

358. PARALLELOGRAM OF FORCES APP. :

For verifying the relations between forces acting at a point with two aluminium pulleys with clamp for mounting at any position. 45 x 30cms board Wall Type. Complete with 3 sets of 50 x 5gm slotted weights iron.

1220/-

359. PARALLELOGRAM OF FORCES APP. :

Same as 383, on stand. Table pattern.

1340/-

360. PARALLELOGRAM OF FORCES APP. :

Table Pattern Metal

2160/-

361. A) K. CONSTANT SPRING APP. :

Half meter scale with spring and pointer fitted in nicely painted cast iron base, without weights.

1200/-

B) K. CONSTANT SPRING APP. :

Improved design, large size without weight

3600/-

362. HOOK'S LAW APP. :

Fitted on metal stand with mirror scale 6" and hanger but with weights. 640/-

363. HOOKS LAW APP. :

Big Size with weight. 1080/-

364. PULLEYS SPARE :

37mm aluminium with brass frame.

Single: 120/-

Double Long or Parallel: 240/-

Triple Long or Parallel: 360/-

365. FREE RUNNING PLASTIC PULLEY : 2" HORIZONTAL

Single: 56/-

Double Long or Parallel: 112/-

Triple Long or Parallel: 168/-

366. PULLEY SPARE :

For Parallelogram of forces App. clamp pattern 120/-

367. JACK SCREW MODEL :

Simple form consisting of metal base fitted with a screw with a thumb nut, all metal.

900/-

368. WHEEL AND AXLE :

Of hardwood polished, comprising 2 grooved wheels 150mm and 75mm diameter mounted jointly on wooden stand.

900/-

369. PULLEY APP. :

All metal packed in a card box.

960/-

370. LOAD AND EFFECT APP. :

Without weight packed in a card box.

1180/-

PNEUMATICS AND HYDROSTATICS

371. AIR PUMP :

Vacuum Single Steel C.P. barrel on wooden base aluminium plate with stop cock

12.5cm: 1400/-

15cm: 1800/-

17.5cm: 2200/-

372. MAGDEBURG HEMISPHERE :

Superior with stopcock and handle to demonstrate pressure of atmosphere 7.5cm dia aluminium cups Hammertone paint. 960/-

373. APP. TO SHOW PRESSURE OF LIQUID :

(Simple Pascale Law) All metal. 520/-
(Simple Pascale Law) All Plastic
160/-

374. PASCLE LAW APP. :

Aluminium Parts. 2200/-

375. BOYLE'S LAW APP. UNIVERSITY PATTERN :

Mercury reservoir held in clamp sliding on two steel C.P. rods fitted on metal strip mounted on heavy cast iron base.
Complete with two hard glass tubes but without mercury and rubber tubing.
1700/-

376. BOYLE'S LAW APP. :

Half Meter Gujrat Pattern. 2800/-

377. OVER FLOW VESSEL :

G.I. Sheet
120/-

Brass	320/-
Polythene	56/-

378. BUCKET AND CYLINDER :

To demonstrate the principle of Archimedes, Iron and Brass C.P.

1 ½"	2"	2" All Brass
208/-	300/-	360/-

379. HARE'S APP. :

With a glass tube complete in an adjustable stand. 460/-

380. HARE'S APP. :

With glass tube complete sliding arrangements. 580/-

380A. MANOMETER TUBE APP. :

18" with Adjustable Stand. 520/-

381. U-TUBE APP :

With a glass tube complete in an adjustable stand. 460/-

382. U-TUBE APP. :

With glass tube sliding arrangement.

580/-

383. BELL EXPERIMENT APP. :

It consists of a Bell Jar fitted with an Electric Bell. 780/-

SURFACE TENSION & TERMINAL VELOCITY

384. RISING TABLE (SLOW MOTION STAND) :

A machine cast aluminium table 10cm dia having a stem of 12cm can be lowered or raised to desired height and which can be tightened with a thumb screw. In addition to this coarse movement, fine adjustment fitted on a heavy circular base with three levelling screw. 2400/-

385. CAPILLARY TUBE APP. :

It consists of rising, table In this case three levelling screw of rising table are replaced by two levelling screw and one long rod to hold the capillary tube clamp.

3000/-

386. SURFACE TENSION BALANCE (SEARLE'S) :

For measuring surface tension of Soap Film or any transparent liquid. The deflection of the pointer on scale gives the reading. Steel wire is stretched on a tripod stand. With tightening screw, scale, pan and side clip.

3320/-

387. JAGER'S SURFACE TENSION APP. :

This method is suitable for example, for the purpose of studying the variation of surface tension with concentration of solution of common salt in water.

2100/-

388. POISEUILLE'S VISCOSITY APP. :

With the help of this App. one can find the coefficient of viscosity of water by noting its flow through a capillary tube of uniform bore.

3600/-

389. VISCOSITY APP. STOKES METHOD :

A superior sturdy app. is made to stand vertically firmly in between two upright bars on heavy cast iron base, without glass tube.

1800/-

390. BOROSILICATE GLASS TUBE :

For Stoke Law App.

700/-

391. VISCOMETER (SEARLE'S PATTERN) :

The outer cylinder is clamped to its supporting pillar at various heights and the inner cylinder which is graduated revolves on a pillar fitted with two pulleys complete with scale pan.

7800/-

392. POISSON'S RATIO OF RUBBER APP. :

Consisting of a cycle rubber tube of about one meter length with a small pointer slotted weight, hanger, clamp, burette, rubber stopper on a heavy cast iron stand.

3600/-

393. INERTIA BALANCE KIT :

600/-

394. CENTRE OF GRAVITY TOYS :

Set of Three.

540/-

395. WOODEN STAND :

For Above.

120/-

SOUND

396. TUNING FORKS :

Set of 8, Frequencies 256 to 512 steel C.P. routine quality in thermocole case.

216 set

397. TUNING FORKS :

Pye type bright chromium plated set of 8 in velvet case. 390 set

398. TUNING FORKS :

Accurate & Mild Steel C.P. set of 8 in a wooden case. 540 set

399. TUNING FORKS :

Ragg's design, blue steel set of 8, in a velvet case. 430 set

400. TUNNING FORKS:

Welch Type large size bright chrome plated set of 8 in velvet case. 520 set

401. TUNNING FORK:

Welch type special quality tested very accurately in a velvet box. 1350 set

402. TUNNING FORK:

Made of Aluminium packed in a wooden box. 950 set

403. RUBBER PAD:

For Striking tuning fork. 24/-

404. HAMMER WOODEN:

For Striking Tuning Fork. 80/-

405 A. HAMMER DISSECTING:

With Nail Arrange Metal 80/-

406. RESONANCE APP.:

University pattern, steel C.P. tube and brass reservoir on heavy iron base good quality. 1940/-

407. RESONANCE APP.:

Same as above, superior quality with S.S. tube and brass reservoir. 2200/-

408. RESONANCE APP.:

Export Quality Brass C.P. Tube and brass reservoir. 3000/-

409. MELDE'S APPARATUS:

Can be used in vertical and horizontal position with electrically maintained tuning forks, silk cord, pulley, stand and scale pan but without weights. 6400/-

410. MELDE'S APPARATUS:

Same as above INCO pattern. 7800/-

411. ELECTRICALLY MAINTAINED TUNNING FORK. 5600/-

412. VIBRATOR ELECTRICAL:

To determine the frequency of AC mains E.M.P. of cells and for maldes experiment with pulley and pan workable on 220 volts. 2100/-

413. VIBRATING BAR:

30cm long adjustable CP bar fitted on base to determine the frequency of AC mains, workable on 6 volts DC Battery. 3700/-

414. SONOMETER:

Soft Wood nicely polished with metal fittings with wooden riders and provided with 3 different wire 100cms long. Aluminium fittings without wts. 1200/-

415. SONOMETER:

As above but Brass fittings without weights. 1500/-

416. SONOMETER:

Brass Fittings but with **Teak Wood Box**.

2040/-

417. SONOMETER:

Softwood, Nicely Polished with Brass Fittings, **6" x 6" Box Size**.

2160/-

418. ELECTROMAGNET AND TRANSFORMER FOR SONOMETER.

1700/-

419. WAVE MOTION APPARATUS:

With Aluminium discs fitted on nicely polished wooden base.

With 18 Pulleys

2200/-

With 24 Pulleys

2600/-

420. RIPPLE TANK:

Consists of an enamelled M.S. Sheet frame with four adjustable legs, complete with all the accessories and working instructions.

a) 30 x 30 cm

2700/-

421. REFLECTION OF SOUND APP.:

On wooden base. Regular Quality.

440/-

422. REFLECTION OF SOUND APP.:

Superior on the Drawing Board.

960/-

HEAT

HEAT

423. RING & BALL APPARATUS:

It consists of a brass ring fitted on a brass rod with a handle and a brass ball attached by chain.

Ball Size 25mm

520/-

Ball Size 18mm

192/-

424. RING & BELL APPARATUS:

Mounted on Metal Stand.

18mm

440/-

25mm

760/-

425. COMPOUND METAL STRIP:

Two Different Metals riveted together end to end with wooden handle size 30cms Regular Quality.

Iron & Aluminium	Iron Brass	Iron & copper	Brass & Copper
144/-	160/-	176/-	192/-

426. COMPOUND METAL STRIP:

Same as 451 Export Quality.

Iron & Aluminium	Iron & Brass	Iron & Copper	Brass & Copper
200/-	220/-	252/-	288/-

427. PULLINGER'S EXPANSION APP.:

50cm Long with Spherometer and three test rods of different metals, horizontal pattern.

- | | |
|--------------------------|--------|
| a) With Brass C.P. Pipe. | 1800/- |
| b) With Steel C.P. Pipe. | 1400/- |

428. KUNDT'S TUBE:

With Borosilicate Glass Tube 1 meter Long on Sunmica Top Base.	3300/-
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429. CO-EFFICIENT OF LINEAR EXPANSION APP.:

1/2 Meter Vertical and Horizontal type, specially designed to measure the linear expansion of metals with the help of optical lever as well as Spherometer.

- | | |
|--------------------------|--------|
| a) With Brass C.P. Pipe. | 3000/- |
| b) With Steel C.P. Pipe. | 2400/- |

430. NEWTON'S LAW OF COOLING:

With two aluminium calorimeters hung inside a double walled tin tank fitted with a wooden top with 2 holes for thermometers.

- | | |
|--------------|--------|
| G.I. Sheet: | 760/- |
| Brass Sheet: | 1400/- |

431. NEWTON'S LAW OF COOLING APP.:

- | | |
|--|--------|
| University Pattern, set of two units, brass C.P. Superior. | 2600/- |
|--|--------|

432. SEARLE'S THERMAL CONDUCTIVITY APP.:

It consists of a copper rod with its one end surrounded with a steam jacket for heating it from a boiler and the other end is kept cool by a stream of water flowing through a spiral tube fitted to that, without thermometers.

- | | |
|-----------------------------|--------|
| a) 30cm x 1.8cm copper rod. | 5600/- |
| b) 30cm x 2.5cm copper rod. | 6800/- |

433. CONDUCTIVITY APP. LEE'S AND CHARLTON'S:

For determining the relative conductivity of thin layers of material consists of cylindrical slab 11.5cm in dia

12mm thick on this rests a 5cm deep hollow cylinder of the same dia with inlet tubes for steam, without thermometer, with heavy moulded Brass C.P. Parts. 9000/-

434. CONDUCTIVITY APP. LEE'S AND CHARLTON'S:

-do- with Iron parts. 7800/-

435. CALLENDER AND BARNE'S CONTINUES FLOW CALORIMETER:

The Apparatus consists of a glass tube carrying inside a spiral of wire. A Steam of water is made to flow through the glass tube and heated by the spiral by passing electric current. The whole apparatus is fitted on a polished wooden board. Complete with constant level tank but w/o thermometers. 2800/-

436. CONSTANT LEVEL TANK:

On Stand. 900/-

437. GLAZEBROOK AND SHAW'S CALORIMETER. 2100/-

438. REGNAULT'S CALORIMETER. 4500/-

439. COPPER CALORIMETER COMPLETE:

Vessel of Copper in outer wooden case with thermometer holder and stirrer, well insulated in card box.

	3" * 2"	4" * 3"
Seasonal Wood	420/-	740/-
Teak Wood	580/-	920/-

440. JOULE'S ELECTRICAL CALORIMETER:

Consists of a copper vessel with outer box of wood fitted with ebonite top with holder for thermometer. The terminals are connected to a coil of wire for 3 amps. Complete with stirrer.

	3" * 2"	4" * 3"
With Seasoned Wood	520/-	900/-
With Teak Wood	680/-	1080/-

448. PYROMETER:

Painted.

1260/-

449. STEAM BOILER:

Made of Copper

1 Litre: 1000/-

2 Litre: 1600/-

450. STEAM GENERATOR OR HEATER:

Heavy thick body of copper and brass tube etc. Made of Copper

1 Litre: 1700/-

2 Litre: 2500/-

451. HOPE'S APPARATUS:

G.I. Sheet: 560/-

Brass: 760/-

Copper: 980/-

452. HYPSONETER COPPER:

Small 8": 900/-

Medium 10": 1340/-

Large 12": 1900/-

453. OXYGEN GENERATING TUBE:

Brass with delivery tube screwed N.P. soldered joints.

560/-

454. CONDUCTIVITY OF METAL STRIP:

Four Metal strips fixed on a ring with cups melting with centre.

180/-

455. CONSTANT PRESSURE AIR OR VOLUME THERMOMETER:

Complete on a wooden stand without mercury with Borosilicate
Glass Tube.

2400/-

456. SPHERICAL CALORIMETER:

50mm dia copper bright or painted.

360/-

456A. NICHOLSON HYDROMETER MEDIUM

460/-

456B. NICHOLSON HYDROMETER LARGE

660/-

COMBUSTION ENGINES

457. STEAM ENGINE SECTIONAL WORKING MODEL:

All the working parts made visible by fitted date on the chamber.
Aluminium Parts.

5700/-

458. STEAM ENGINE SECTIONAL WORKING MODEL:

Brass Parts.

6600/-

459. STEAM ENGINE WORKING MODEL:

Boiler Type with heater packed in a corrugated box.

7000/-

470. PETROL GAS ENGINE:

Vertical Flask Type Demonstration Model.

a) Two Stroke on Metal Base:

4700/-

b) Four Stroke on Metal Base:

5800/-

471. DIESEL ENGINE:

Demonstration Model Working Vertical flask packed a card box.

a) Two Stroke on Metal Base:

4800/-

b) Four Stroke on Metal Base:

6400/-

THERMOMETERS

THERMOMETERS

472. CHEMICAL THERMOMETER:

Deluxe Mercury fitted by heat process packed in a card box.

Ranges	50°C	110°C	250°C	360°C
1° or ½°	80°C	220°F	400°C	600°C
Price	100/-	100/-	108/-	108/-

(Alcohol filled thermometer also available at the same rate but no guarantee or break in alcohol column).

473. CHEMICAL THERMOMETER:

With Imported capillary, yellow.

Ranges	50°C	110°C	250°C	360°C	180/-
1° or ½°	80°C	220°F	400°C	600°C	180/-

474. PRECISION THERMOMETER DELUX:

Mercury fitted by heat process.

- | | |
|---------------------------------------|-------|
| a) -10 to 50°C x 1/5: Size 14 inches | 200/- |
| b) -5 to 50°C x 1/10: Size 14 inches | 200/- |
| c) -5 to 110°C x 1/5: Size 14 inches | 200/- |
| d) -5 to 110°C x 1/10: Size 18 inches | 240/- |

475. IMMERSION THERMOMETER:

Mercury filled by heat process Range.

	24"	36"
110°C x 1/1	300/-	400/-
250°C x 1/1	300/-	400/-
360°C x 1/1	300/-	400/-

476. OVEN INCUBATOR THERMOMETER:

a) L Shape Size 6"-8":	400/-
b) L Shape Size 8"-8":	480/-

477. WALL THERMOMETER:

20cms in length packed in individual duplex box	160/-
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479. DRY & WET THERMOMETER:

Superior Quality packed in printed duplex box	320/-
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480. MAXIMUM & MINIMUM THERMOMETER:

Packed in printed duplex box.	320/-
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481. CLINICAL THERMOMETER:

Prismatic Capillary, Japan Glass, Screen Printed, 94°F to 108°C or 43°C, most accurate in 10 piece packing.	108/-
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482. BIMETALLIC DIAL:

Type Thermometer (Horizontal Pattern) in single rank. Any range upto 400°C.	1100/-
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483. DIAL TYPE THERMOMETER:

In Vertical Pattern.	1300/-
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484. POCKET THERMOMETER:

In a plastic case.

136/-

485. SHIP THERMOMETER:

In case.

1500/-

486. SOIL THERMOMETER:

In Aluminium Case Range 10° - 110°C.

960/-

487. SOIL THERMOMETER:

Range 20-180°F OR 0-100° in wooden body with brass cone of bottom cone 100mm long.

1100/-

HYDROMETERS

488. HYDROMETER HEAVY:

1000 to 2000.

132/-

489. HYDROMETER LIGHT:

700 to 1000.

132/-

490. BEAUMES HYDROMETER:

In a card box. 0-10, 10-20, 20-30, 30-40. 180/-

491. HYDROMETER ISI MARK:

For Diesel 800 to 850 in card box. 540/-

492. HYDROMETER ISI MARK:

For Petrol 700 to 750 in card box. 540/-

493. HYDROMETER:

15°C Range 0 to 100. 300/-

494. UNIVERSAL HYDROMETER:

For Light & Heavy Liquid with lead shots. Range 700 to 2000. 300/-

495. LACTOMETER. 32/-

496. URINOMETER WITH JAR:

Range 2.00 - 2.12. 120/-

497. SOIL HYDROMETER:

Range 995 to 1030 in box.

600/-

498. BATTERY HYDROMETER:

Small 168/-

Big 240/-

499. BRIX HYDROMETER:

With Thermometer 20deg Celcius or 27.5deg Celcius

480/-

500. WINE TESTING SET:

For Sugar Industries.

1800/-

MAGNETISM

MAGNETISM

501. BAR MAGNET RED PAINTED ORDINARY:

Length in mm	50	75	100	150
Price	60/-	90/-	120/-	180/-

502. BAR MAGNETS:

Heavy Powerful Parco Type

Length in mm	50	75
Price	540/-	760/-

503. HORSE SHOE MAGNET:

Of Steel with keepers, polished and magnetised

Size in mm	75	100	150
Price	60/-	80/-	112/-

504. BAR MAGNETS:

Alihco Typer

Size in mm	50	75	100
Regular Quality	88/-	132/-	220/-
Second Quality	192/-	288/-	420/-

505. HORSE SHOE MAGNET:

Alihco Type

Size in mm	50	75	100
Regular Quality	88/-	132/-	220/-

Second Quality	160/-	240/-	320/-
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506. BALL ENDED MAGNET:

Size in mm	100	150	200
Price	208/-	240/-	280/-

507. CYLINDRICAL MAGNET:

Size in mm	100	150	200
Good Quality	240/-	360/-	480/-

508. ELECTROMAGNET U-SHAPED:

Size in mm	75	100	150
	180/-	220/-	420/-

509. ELECTROMAGNET STRAIGHT:

Size in mm	75	100	150
	180/-	220/-	420/-

510. VIBRATION MAGNETOMETER:

In soft wood box duly polished

a) With Aluminium Fittings	1100/-
b) With Brass Fittings	1400/-

511. DEFLECTION MAGNETOMETER:

With bakelite cup for holding compass with meter scale having Zero-centre. 18mm Both Side Laminated Mica Top Board with Compass.	1000/-
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512. DEFLECTION COMPASS:

Anti-Parallex Mirror and Sensitive Needle.	260/-
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513. DEFLECTION COMPASS:

Same as above with Permanent Magnet.	360/-
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514. DIP CIRCLE SIMPLE FORM:

Fitted on a wooden frame glass case. A circular scale graduated in degrees attached to the pillar carrying the needle. Pointer is provided for reading the scale on the metal base with leaving screws with aluminium parts.	2400/-
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515. DIP CIRCLE STANDARD:

Heavy and Sturdy construction comprising an extra sensitive needle mounted on practically frictionless bearings and moving in vertical plane over an engine divided circular scale, enclosed in duco painted metal case, fitted with hardest steel pivot.

5400/-

516. DIP CIRCLE STANDARD:

Delux Model with superior fittings and lifting arrangement to stop the needle movement when not in use, with the help of lever screw.

6600/-

517. EARTH INDUCTOR:

Improved form, Coil of insulated copper wire a wound on metal ring. A Spring is arranged to turn the ring quickly through 180° when a catch is released. After having turned through 180° the coil is automatically caught. Terminals for connection are fitted on cradle.

Size 500 turns:	12000/-
1000 turns:	15600/-
2000 turns:	18000/-
5000 turns:	23000/-

518. MAGNETIC FIELD APPARATUS:

The Current flowing in a solenoid consisting 3 coils of 5, 10, 15 turns of insulated copper wires on wooden table.

960/-

519. INDUCED CURRENT APP.:

Primary and Secondary with rod type fitted on wooden base. Packed in a corrugated box.

1020/-

520. INDUCED CURRENT APP.:

On base with bulb packed in card box.

1320/-

521. ELECTRIC BELL:

Demonstration all parts easily visible, mounted on sunmica top base workable 4-6 volt DC.

660/-

522. ORESTED APP.:

On base packed in card box.

480/-

523. LIFITING MAGNET:

Mounted workable on 4-6Volt DC. 15.00 cm.

1960/-

524. MAGNETIC COMPASS:

Aluminium Pye type 18mm Both Side Glass packed in card box.

32/-

525. MAGNETIC COMPASS:

Highly Magnetised Needle in Aluminium body.

Size in mm	12mm	18mm	25mm	37mm	50mm	75mm	100mm
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	24/-	28/-	36/-	40/-	48/-	100/-	180/-
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526. MARINER'S COMPASS:

Gimbal on Stand with floating dial all Aluminium polished.

580/-

527. DIP NEEDLE:

With graduated aluminium arc size 75mm. The Needle carefully balanced in sheet pivot.

860/-

528. MAGNETIC NEEDLES:

Of Special Steel, Highly Magnetised with brass bearing for pivoting.

Length	75mm	100mm
Price	20/-	24/-

529. MAGNETIC NEEDLE STAND:

Plastic	40/-
Metal	60/-

BAROMETER

530. FORTIN'S BAROMETER STANDARD:

With Metric and English system scales reading 25" to 32" and 64cm to 81cm with reflectors behind scale and cistern. Vernier operating with rack and pinion, reads 0.20" and 0.1cm, with Brass pipe and Brass fittings, without mercury with borosilicate glass tube, fitted on wooden base.

5800/-

531. FORTIN'S BAROMETER STANDARD:

Same as above but with aluminium pipe and Aluminium Fittings.

4200/-

532. WOODEN CASE:

For Fortin's Barometer.

Soft Wood 1800/-

Teak Wood 3200/-

533. ANEROID BAROMETER:

Wall type. 500/-

534. ANEROID BAROMETER:

Demonstration type in transparent case.

1300/-

535. RAIN GAUGE APP.:

G.I Sheet	Brass Sheet	Copper Sheet	Poly
440/-	1440/-	2300/-	560/-

536. WIND VANE COCK:

Shaped with N.E.S.W. point on stand, medium size, tin painted.

700/-

537. WIND VANE LARGE:

On heavy metal stand.

2500/-

PNEUMATICS

GEOMETRICAL MODELS

538. CUBES OF METAL:

Set of 6 different metal cubes.

10mm	20mm	25mm
360/-	1140/-	1920/-

539. CYLINDER OF METALS:

Set of 6 different metal cylinders.

25 * 12mm	37 * 12mm	50 * 12mm
500/-	720/-	960/-

540. PENDULAM BOB AND SPHERES:

Set of 6 different metal bobs with hook.

12mm	18mm	25mm
360/-	600/-	1200/-

541. PENDULAM BOB AND SPHERE WITH HOOK:

	12mm	18mm	25mm
Brass	60/-	100/-	220/-
Copper	152/-	240/-	420/-
Alu or Iron	28/-	48/-	84/-
Lead	48/-	156/-	96/-
Zinc	48/-	156/-	96/-

542. GEOMETRICAL FIGURES:

Set of 16 in box.

Medium Size 1 ½"	Large Size 3"	Poly 3"
760/-	900/-	220/-

543. CRYSTAL MODEL BOX:

(Set of 20) figures in wooden box

960/-

544. GEOMETRICAL INSTRUMENT BOX:

A pair of set squares protectors compass, divided and duster housed in a box. All made from seasoned wood. Superior Quality

2200/-

545. GEOMETRICAL INSTRUMENT BOX:

Plastic Superior Quality

1100/-

546. DRAWING BOARDS:

Made from seasoned soft wood.

11 * 16"	18" * 12"	23" * 16"
360/-	440/-	860/-

BURNER

BURNER & GAS TAPS

547. BUNSEN BURNER:

Wide & Stable base provided with threaded air regulator with collar, fitting on nicely duco painted iron base, packed in box

300/-

548. BUNSEN BURNER:

Same as above with stop cock 440/-

549. BUNSEN BURNER:

Heavy Cast Iron duco painted base with thick brass pipe & brass Stop cock 540/-

550. SEMI MICRO BURNER:

Brass Parts in Iron base for L.P.G. of Petrol 360/-

551. FISH TAIL BURNER:

On cast Iron base 540/-

552. TECLU BURNER:

On Duco painted cast Iron base. 1000/-

553. MECKER BURNER:

Brass Lacquered with ceramic grid cap to provide and evenly accurate flame.

3/4" 960/-
1" 1300/-

554. MECKER BURNER:

Same as above but with stop cock.

3/4" 1100/-

1" 1500/-

555. WATER TAPS:

Swan Neck Type Gun Metal C.P. Leak Proof.

One Way	1800/-
Two Way	2800/-
Three Way	3500/-

556. GAS TAPS:

Brass C.P. guaranteed leak proof in card box.

One Way	720/-
Two Way	960/-
Three Way	1100/-
Four Way	1300/-

557. FILTER PUMP BRASS:

Edward Type.

760/-

558. FILTER PUMP BRASS:

University Pattern.

900/-

CORK BORERS

559. CORK BORER:

With Handles brass C.P.

Set of 3	132/-
Set of 6	240/-
Set of 12	1140/-

560. CORK BORER:

With Handle Brass N.P. German Pattern.

Set of 3	240/-
Set of 6	480/-
Set of 12	1700/-

561. CORK BORER:

Made from thick brass pipe with strong handles of six borers
in velvet box.

1300/- set

562. CORK BORER:

Made from thick Brass Pipe with strong handle, set of 12
in velvet box.

2200/- set

CLAMPS & BOSS HEAD

563. BURETTE CLAMP (FISHER TYPE):

Powder Coated die pressed non breakage.

- a) For Single Burette
- b) For Double Burette

156/-
280/-

564. BURETTE CLAMP:

Complete with boss head die pressed Iron Painted.

108/- set

565. BURETTE CLAMP:

Brass oxidised with Boss head.

192/- set

565A. CONDENSOR UNIVERSAL CLAMP:

Brass Oxidised with Boss Head.

192/- set

566. UNIVERSAL CONDENSER CLAMP:

Made of Special AL Alloy, provided with 7" mild steel rod C.P. and holds upto 75mm dia article, clamp is staple painted, jaws are cork lined.

- | | |
|---------------------------------|-------|
| a) Made of Aluminium | 332/- |
| b) Made of Brass Casting & C.P. | 600/- |

567. THREE FINGER CLAMP:

Die casted, made of special Al Alloy, with 7" mild steel rod C.P. and holds upto 75mm dia articles jaws are rubber covered, clamp is staple painted.

- | | |
|------------------------------|-------|
| a) Made of Aluminium Alloy. | 332/- |
| b) Made of Brass Casted C.P. | 600/- |

568. FOUR FINGER CLAMP:

Die casted provided with 7" mild steel rod C.P. and holds upto 75mm dia articles jaws are cork lined, clamp is staple painted.

- | | |
|----------------------------------|-------|
| a) Made of Aluminium Alloy | 332/- |
| b) Made of Brass Casted and C.P. | 600/- |

569. SPARE BOSS HEAD:

- | | |
|----------|------|
| Oxidized | 96/- |
|----------|------|

570. SPARE BOSS HEAD ALUM.:

Moulded round (Staple Painted)

132/-

571. SPARE BOSS HEAD BRASS:

Moulded C.P.

700/-

572. G CLAMPS:

50mm	180/-
75mm	300/-
100mm	360/-
125mm	460/-

RETORT STAND

573. RETORT STAND:

Made of Mild Steel Die pressed powder coated with levelling screws & C.P. Rod.

6" x 4" x 18"	7" x 5" x 24"	8" x 5" x 24"	9" x 6" x 30"
360/-	480/-	560/-	820/-

574. RETORT STAND:

Heavy Cast Iron Base.

6" x 4" x 18"	7" x 5" x 24"	8" x 5" x 24"	9" x 6" x 30"
420/-	540/-	580/-	920/-

575. RETORT STAND:

Light Cast Iron base with hammertone paint with Zinc plated rod.

6" x 4" x 18"	7" x 5" x 24"	8" x 5" x 24"
220/-	340/-	440/-

576. TRIPOD STAND:

Duco Painted, Heavy Pattern with feet and Zinc Plated legs.

6" x 4" 164/-
8" x 4" 176/-
8" x 5" 220/-

577. TRIPOD STAND:

Heavy Cast Iron Round Shape.

6" x 4"	228/-
8" x 4"	252/-
8" x 5"	320/-

578. TRIPOD STAND:

a) Wire type regular quality:

6" x 3"	60/-
8" x 3"	76/-

b) Moulded Regular Quality:

6" x 3"	76/-
8" x 3"	88/-

579. RETORT RING:

Good Quality.

Size

2"	168/-
3"	168/-
4"	192/-

580. RETORT RING:

Regular Quality.

Size

2"	60/-
3"	80/-

CENTRIFUGAL MACHINE

581. CENTRIFUGAL MACHINE:

Improved Design a Single Speed driven machine consisting of a cast base enclosing a steel pinion and worm drive, complete with removable crank handle with plastic tube 15ml each.

Two Tubes	1700/-
Four Tubes	1900/-

582. CENTRIFUGAL MACHINE:

Electrically Operated swing out head with speed regulator 4 x 15ml Plastic Tubes.	4400/-
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583. CENTRIFUGAL MACHINE:

Same as above but with 6 x 15ml tubes.	5200/-
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584. CENTRIFUGAL MACHINE:

Electrical Doctor Model.	5600/-
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GENERAL CHEMISTRY LABWARE

585. SPIRIT LAMP:

Aluminium Sheet die pressed 4 doz.	60/-
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586. SPIRIT LAMP:

Brass 4 doz.	160/-
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587. SPIRIT LAMP:

Stainless Steel (40Z)	120/-
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588. BLOW PIPE:

Brass N.P. with Nipple.

4"	40/- doz
8"	56/- doz
10"	60/- doz
12"	80/- doz

589. DEFLAGRATING SPOON:

Iron Wire Brass Disc	96/-
Brass Wire & Brass Disc	128/-
Export Quality	160/-

590. TEST TUBE HOLDER:

Flat form with wooden handle.

Steel Zinc Plated	24/-
Brass Polished	48/-

592. TEST TUBE HOLDER:

Cross Pattern Iron Z.P.

40/-

593. CRUCIBLE TONGS C.P.:

	6"	8"
Iron	36/-	44/-
S.S.	128/-	168/-

594. WIRE GAUGE:

6" x 6" with asbestos coating in centre No. 1

192/-

595. WIRE GAUGE:

In Metal Frame 6" x 6"

300/- doz

596. SPATULA STAINLESS STEEL:

Flat at one end and spoon at other end.

6" 208/-

8" 360/- doz

597. PLATINUM WIRE FUSED:

College Type Tested (EK1) 260/-

598. PLATINUM LOOP:

School Type in Test Tube. 36/-

599. PLATINUM LOOP HOLDER:

Brass Rod and Chuck with bakelite handle. 88/-

600. WATCH GLASS:

Uniformity Moulded Ground Edge, well packed in card box.

50mm	64/-
75mm	120/-
100mm	240/- doz

601. WATER BATH:

Concentric Rings, Copper Die pressed and polished hemispherical type with handle.

4"	380/-
5"	520/-
6"	580/-
8"	960/-

602. PINCH CLIP:

Mohr's type, Iron zinc plated. Thick Quality. 16/-

602A. PINCH CLIP:

Tikri Type.

168/- doz

Asbestos Sheet with Frame

336/- doz.

603. HOFFMAN SCREW CLIP:

Brass 180/-

Iron 40/-

604. CHARCOAL BLOCK:

Machine Compressed

260/- doz

605. MAGNESIUM METAL RIBBON:

Of 25 gm

120/- coil

606. COPPER TURNING:

3300/- kg.

607. ZINC GRANULAR:

1200/- kg.

608. SPIRIT LEVEL:

Wooden or Plastic

4" 52/-

6" 80/-

609. SPIRIT LEVEL:

All Brass

2" 100/-

3" 140/-

4" 180/-

610. SPIRIT LEVEL:

Aluminium

3" 64/-

4" 88/-

611. LEAD SHOTS:

1500/- kg.

612. LITMUS PAPER:

Red or Blue Dr. watts

340/- box

613. FILTER PAPER:

Ream 46 x 57cm

2700/- ream

614A. FILTER PAPER REGULAR QUALITY:

11cm 48/- pkt

12.5cm 52/- pkt

615. FILTER PAPER SUPERIOR:

11cm	120/-	pkt
12.5cm	140/-	pkt
15cm	180/-	pkt

616. TEST TUBE BRUSH:

Superior Quality 120/- doz.

617. BURETTE BRUSH: 60/-

618. BOTTLE BRUSH: 36/-

INDIAN RUBBER GOODS

619. RUBBER TUBING:

Special Quality, Extra Soft and Strong, Coil of 10 meter packing.

Approx Bore	Wall Thickness	Extra Soft	Superior	
4.0mm	1.0mm	460/-	356/-	coil
5.0mm	1.5mm	540/-	480/-	coil
6.0mm	1.5mm	740/-	580/-	coil
7.0mm	1.5mm	880/-	728/-	coil

8.0mm	1.5mm	960/-	780/-	coil
9.0mm	2.0mm	1180/-	1020/-	coil
10.0mm	2.0mm	1380/-	1120/-	coil
12.0mm	2.5mm	1600/-	1500/-	coil

620.PRESSURE RUBBER TUBING:

Ordinary Pressure

Approx Bore	Wall Thickness	Extra Soft	
3.0mm	3.0mm	84/-	Per meter
4.5mm	3.0mm	104/-	Per meter
6.0mm	3.0mm	124/-	Per meter
8.0mm	3.0mm	152/-	Per meter
9.0mm	3.0mm	172/-	Per meter
10.0mm	3.5mm	240/-	Per meter
12.5mm	4.5mm	340/-	Per meter

621.PRESSURE RUBBER TUBING:

Ordinary Pressure.

Approx Bore	Wall Thickness	Extra Soft	
3.0mm	4.5mm	140/-	Per meter
4.5mm	4.5mm	160/-	Per meter
6.0mm	4.5mm	180/-	Per meter
8.0mm	4.5mm	232/-	Per meter
9.0mm	4.5mm	256/-	Per meter
12.5mm	6.5mm	420/-	Per meter

622.RUBBER CROKS:

Soft Superior.

Top Dia	Bottom Dia	Height	No.	Rs	
48mm	6mm	1.6mm	000	360/-	Per 100
51mm	9.0mm	15.5mm	0	400/-	Per 100
63mm	11.0mm	18.5mm	1	612/-	Per 100
80mm	13.0mm	20.0mm	2	660/-	Per 100
87mm	14.0mm	21.0mm	3	720/-	Per 100
99mm	15.0mm	22.0mm	4	760/-	Per 100
120mm	17.5mm	23.0mm	5	980/-	Per 100
			6	1200/-	Per 100
190mm	20.0mm	27.5mm	7	1400/-	Per 100

216mm	21.0mm	27.5mm	8	1560/-	Per 100
267mm	21.5mm	31.0mm	9	1960/-	Per 100
342mm	26.0mm	33.0mm	10	2460/-	Per 100
375mm	30.0mm	33.5mm	11	2800/-	Per 100
420mm	30.0mm	34.5mm	12	3200/-	Per 100
550mm	31.0mm	37.0mm	13	4200/-	Per 100
645mm	32.0mm	42.5mm	14	5200/-	Per 100
742mm	34.0mm	40.5mm	15	5520/-	Per 100
			16	6800/-	Per 100
915mm	40.0mm	40.5mm	17	7900/-	Per 100
1000mm	48.0mm	33.5mm	18	9300/-	Per 100
1240mm	44.0mm	45.0mm	19	10700/-	Per 100
1537mm	51.0mm	56.5mm	20	13600/-	Per 100

623.PIPETTE BULBS:

Small 16/-
Medium 20/-
Large 24/-
Extra Large 36/-

624. AUTOMIZER BULB:

104/-

625. RUBBER TEAT:

Red

60/- doz.

626. RUBBER TEAT:

White Long

140/- doz.

ROCKS & MINERALS

627. ROCKS:

a) Set of 20 Rocks in Show Case

600/- set

b) Set of 50 Rocks in Show Case

1400/- set

628. MINERALS:

a) Set of 30 Minerals in Show Case

640/- set

b) Set of 50 Minerals in Show Case

1400/-set

629. METALLIC ORES:

Set of 20 in Show Case

640/- set

630. ALLOY SET:

Set of 20 Alloy in Show Case

800/- set

631. METAL SET:

Set of 12 Metal in Show Case

600/- set

632. ROCKS & MINERALS:

Set of 50 in Show Case

1400/- set

633. METAL & ALLOY:

Set of 24 in Show Case

900/- set

HOT AIR OVENS

634. UNIVERSAL OVEN (MEMERT TYPE):

Temperature upto 250°C Accuracy $\pm 1^\circ\text{C}$. Double walled inner chamber of enodised aluminium/stainless steel sheet. Element on three sides, with thermostat.

Inner Chamber Size	Aluminium	S.S
300*300*300MM (12" * 12" * 12")	13200/-	19800/-
350*350*350MM (14" * 14" * 14")	14200/-	20400/-
450*450*450MM (18" * 18" * 18")	18600/-	28600/-
600*600*600MM (24" * 24" * 24")	31000/-	50000/-

635. INCUBATORS (BACTERIOLOGICAL):

Memert Type Temperature from room temp. to 80°C. Double walled and single door with glass window. Inner chamber of enodised aluminium/stainless steel sheet.

Inner Chamber Size	Aluminium	S.S.
300*300*300MM (12" * 12" * 12")	13200/-	19800/-
350*350*350MM (14" * 14" * 14")	14800/-	21000/-
450*450*450MM (18" * 18" * 18")	19200/-	27600/-
600*600*600MM (24" * 24" * 24")	34000/-	52000/-

635A. INCUBATORS (B.O.D.):

Inner Chamber Size	Cap	Material	Price
455*410*610 MM	4cu. ft.	AL	116000/-
	Or 112 lt.	S.S.	129000/-
505*451*830 MM	6cu. ft.	AL	138000/-
	Or 171 lt.	S.S.	159000/-

636. WATER STILL:

(Automatic) Comp. unit made of stainless steel.

2 Litre (3.00 Kw):	9800/-
4 Litre (6.00 Kw):	11200/-

637. HEATING MANTLES :

Capacity	Watts	Circuit	Price
50ml	60	1	2600/-
100ml	60	1	2600/-
250ml	150	1	2800/-
500ml	200	1	3000/-
1liter	300	1	3600/-
2liter	450	1	4000/-
3liter	450	1	4600/-
5liter	600	1	6200/-

638. WATER BATH SEROLOGICAL :

Thermostatically Controlled. Double Walled temprature upto 65° accuracy $\pm 5^{\circ}\text{C}$ to 1°C .

Without racks, Working chamber S.S.

300 x 175 x 175 mm (12" x 7" x 7")	9400/-
300 x 250 x 175 mm (12" x 10" x 7")	10800/-
450 x 300 x 175 mm (18" x 12" x 7")	17000/-

639. WATER BATH RECTANGULAR :

Thermostatically Controlled. Double Walled temprature upto 95°C with concentric rings S.S.

6 holes	11000/-
9 holes	11400/-
12 holes	15800/-

640. WATER BATH RECTANGULAR :

Single Wall 6 holes
Single Wall 12 holes

600/-
10000/-

HOT PLATE (LABORATORY)

641. HOT PLATE :

Single Round 20cm (8") dia electrically operated. Complete with 3 heater element on/off switch with cord and plug.

3900/-

642. HOT PLATE :

Round Double of 20cm 8" each.

7800/-

643. HOT PLATE RECTANGULAR

Electrically Operated complete with three heat switch, cord and plug.

30x25x15 cm (12" x 10" x 4")

5200/-

45x30x15 cm (18" x 12" x 4")

8800/-

STIRRERS

644. MAGNETIC STIRRER ELECTRICALLY OPERATED :

Fitted with speed regulator.

Without Hot Plate. 6000/-

With Hot Plate and Energy Regulator. 7600/-

645. LABORATORY STIRRER :

Fitted with speed regulator, Height and Space adjustable 1/20 H.P.
AC/DC Motor

14400/-

646. SLIDE WARMING TABLE :

Thermostatically Controlled. uniform temperature from room to 110°C top of
anodised stainless steel.

30 x 25 cm (12" x 10")

4200/-

40 x 25 cm (16" x 10")

5400/-

45 x 25 cm (18" x 12")

7000/-

647. MELTING POINT APPARATUS :

5100/-

648. AUTOCLAVE :

Suitable to sterilise bandages & needles. Gas or Stove heated. All thick
aluminium body with pressure gauge and safety valve.

15 lbs pressure Size 12" x 12"

10500/-

12" x 15" Size

11800/-

649. AUTOCLAVE :

(Same as Above)

12" x 12" Electrical 220/230 volts with plug & cord.	11000/-
12" x 15"	11800/-

650. AUTOCLAVE :

Same as above but with S.S. Body.

Size 12" x 12" Non Electrical (Gas or Stove Heated)	17400/-
Size 12" x 15" Non Electrical (Gas or Stove Heated)	18200/-

651. AUTOCLAVE :

Same as above with S.S. Body.

Size 12" x 12" Electrical	
18600/-	Size 12" x 15"
Electrical	19400/-

652. AUTOCLAVE :

Vertical Single S.S. Chamber Size 12" x 22" S.S. Lid

Non - Electrical (Gas or Stove Heated)	22800/-
Electrical	24000/-

653. AUTOCLAVE :

Vertical S.S. Inner & S.S. Outer Chamber Size 12" x 22" with S.S. Lid.

Non - Electrical (Gas or Stove Heated)	37000/-
Electrical	39000/-

654. AUTOCLAVE :

Size 12" x 12" Cooker Type with S.S. Body & S.S. Lid

Non - Electrical (Gas & Stove Heated)

28000/-

Electrical

29000/-

ELECTRONICS

ELECTRONICS

655. SEMI CONDUCTOR DIODE CHARACTERISTIC APP. :

(CPN Junction Diode App.) With built in dual power supply workable on 230 volts with two meter AC, fitted with semi conductor diode OA79 on front panel. Different electrodes on semi conductor, power supply, output and meter connections are brought out on a panel with separate terminals. Output Bias 0-15 volts DC continuously variable (For Forward Bias) Bias 2 : 0-30 volts DC continuously (variable for reverse bias)

4400/-

655A. DIODE VALVE CHARACTERISTIC APP. :

With Stabilised Power Supply Two DC Meter & H.T., L.T. Voltage Variable.

6600/-

656. TRIODE VALVE CHARACTERISTIC APP. :

With Stabilised Power Supply 3 DC Meters Complete in all respects.

7000/-

656A. ZENER DIODE CHARACTERISTIC APP. :

With built-in Stabilized power supply and 2 meters workable on 230 volts AC, fitted with zener diode 16.40 volts on front panel connections of zener diode, power supply, output and meters are brought out on the panel. Output 0-10 volts DC. continuously variable. 4400/-

657. TRANSISTOR CHARACTERISTIC APP. :

With built-in stabilized power supply, workable on 230 volts. AC fitted with PNP transistor or AC 128 on front panel. Different electrodes of transistor, power supply output and meter connection are brought out in panel with separate terminals. With Four meters. 1000/-

658. TRANSISTOR CHARACTERISTIC APP. :

-do- Same as 673 but with Three meters. 5800/-

659. FIELD EFFECT TRANSISTOR CHARACTERISTIC APP. :

With built in stabilized power supply, workable on 230 volts AC, fitted with FET FW 10 on front panel. Different electrodes of transistor, power supply, output and meter connections are brought out on the panel with three meters. 6600/-

660. MOSFET CHARACTERISTIC APP. :

With built in two power supply & three D.C. meters 7600/-

661. SEMI CONDUCTOR DIODE AS A HALF/FULL WAVE RECTIFIER :

Unit consists of Two D.C. meters, Two Diode & Two Load Resistance 4200/-

662. SEMI CONDUCTOR DIODE AS A HALF/FULL WAVE & BRIDGE RECTIFIER :

Capsitar one choke & load resistance with step on Transfer. 6600/-

663. PHOTO DIODE CHARACTERISTIC APP. :

With built in power supply & two meters. 4400/-

664. WARK FUNCTION OF DIODE VALVE :

With stabilised power supply. 8600/-

665. TETRODE/ PENTODE VALVE CHARACTERISTIC APP. :

With Dual stabilized power supply, four D.C. meters 8800/-

666. PHOTO CELL (VALVE TYPE ON BOARD) :

With Schematic diagram. 3000/-

667. PHOTO CELL (VALVE TYPE) CHARACTERISTIC APP. :

Photo Cell mounted in box having window for injecting light with light source. 8800/-

668. MEASUREMENT OF H-PARAMETER :

Using transistor SK-100 in emitter mode. 6000/-

669A. DEMORGAN'S THEOREM : 4800/-

670. SOLAR/PHOTO VOLTIC CELL CHARACTERISTIC APP. :

Complete with solar cell mounted in bakelite box, two meters and variable load resistance with light source. 7000/-

671. L.E.D. CHARACTERISTIC APP. :

With built in stabilized power supply & two meters. 4800/-

672. L.D.R. CHARACTERISTIC APP. :

With built in regulated power supply & two meters. 4800/-

673. CLIPPING & CLAMPING CIRCUIT APP :

Built in two power supply, circuit diagram engraved & components are mounted on front panel. 4600/-

674. VOLTAGE DOUBLER & TRIPLER CIRCUIT :

Using diodes, capacitors & step down transformer with one D.C. meter. 3600/-

675. B.H. CURVE APP. :

To trace hysteresis curves on C.R.O. using resistance, capacitors & inductance step down transformer 2-12 volt AC. 4600/-

676. STUDY OF OPTO - COUPLER :

Built in two regulated power supply & four meter for measurement of voltage & current. Complete in all respect. 7400/-

677. C.R. CIRCUIT :

With three each resistance & inductance, two A.C. meters with variable A.C. Source Complete in all respect. 5400/-

678. L.R. CIRCUIT :

With three each resistance & Inductance two A.C. meter with variable A.C. Source. Complete in all respect. 5400/-

679. R.C. CIRCUIT :

As Low Pass & High Pass filter. Unit consists of various combination of resistance & capacitor diagram engraved on front panel. 2400/-

680. UNI JUNCTION TRANSISTOR CHARACTERISTIC APP. :

With Built in dual stabilized power supply workable on 230 volts AC fitted with UJT 2N 2646 on front panel. Different electrodes UJT, power supply, output and meter connections are brought out on the panel, with 3 meters. 5400/-

681. SERIES AND PARALLEL RESONANT CIRCUIT :

Provided with two AC deluxe meter one inductance, three resistance and three capacitors with separate terminals.

7400/-

682. PLANK'S CONSTANT APP. :

With built in power supply workable on 230 volts AC and photo electric cell mounted with separate terminals. Provided with a light source. Two meters and wooden optical bench.

25000/-

683. CHARGING & DISCHARGING OF CONDENSERS THROUGH RESISTANCE :

With 2 meters.

5600/-

684. E/M BY THOMPSON METHOD (BAR MAGNET METHOD) :

With built in power supply to operate cathode ray tube, with one deluxe voltmeter for deflection volt, C.R.T. is mounted on teak wood stand with graph. Another wooden stand is provided to hold bar magnets and deflection magnetometer.

23800/-

685. E/M BY MAGNETRON VALVE METHOD :

Fully Self Controlled.

29000/-

686. E/M BY HELICAL METHOD :

Complete in all respects.

35200/-

687. AUDIO OSCILLATOR SOLID STATE :

Range Hz to 200K Hz in four bands. Sine and square wave with attenuated output 0-20 volts P-P at 50ohms impedance, accuracy $\pm 2\%$.

10000/-

688. FUNCTION GENERATOR SOLID STATE :

1-100 KHz

9600/-

689. THERMISTER CHARACTERISTIC APP. :

With D.C. regulated power supply with 2 meters.

6600/-

690. APPARATUS TO STUDY AND, OR, NOT, NAND, NOR, GATES :

Complete with built in regulated power supply.

3400/-

691. TRANSFORMER FOR SODIUM VAPOUR LAMP :

35 watts

3360/-

55 watts

3900/-

692. SODIUM VAPOUR LAMP IMPORTED :

35 watts	5000/-
55 watts	6400/-

693. WOODEN BOX FOR SODIUM VAPOUR LAMP :

35 watts	1800/-
55 watts	2100/-

694. MERCURY VAPOUR LAMP :

160 watts workable on 220 volts with wooden box.	3100/-
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695. DIODE VALVE :

Fitted on board with separate lock type terminals and circuit diagram.	600/-
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696. TRIODE VALVE :

Fitted on board with separate lock type terminals and circuit diagram.	660/-
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697. PENTODE VALVE :

Fitted on board with separate lock type terminals and circuit diagram.	7600/-
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698. TETRODE VALVE :

Fitted on board with separate lock type terminals and circuit diagram.	7600/-
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699. PNP TRANSISTOR :

OR NPN fitted on board with separate lock type terminals and circuit diagram 400/-

699A. ZENER DIODE :

Fitted on board with separate lock type terminal & Diagram. 400/-

700. SEMI CONDUCTOR DIODE (JUNCTION DIODE) :

Fitted on board with separate lock type terminals and circuit diagram. 400/-

ELECTRIC CELL SUBSTITUTE

701. WESTON CADMIUM STD CELL SUBSTITUTE :

2.04 Volt 2700/-

702. LECHLANCHE CELL SUBSTITUTE :

3.00 Volt 2700/-

703. DANIEL CELL SUBSTITUTE :

2.16 Volt 2700/-

704. FET VOLT-OHM METER :

This is an electronic instrument for quick & precise measurement of D.C. & A.C. Voltage as well as resistance.

11400/-

POWER SUPPLY

705. STABILIZED POWER SUPPLY :

The Unit Consists of Three Meters H.T. 300V - 30 MA

5800/-

706. STABILIZED POWER SUPPLY :

For Pentode/Tentode with five meter.

9600/-

707. STABILIZED POWER SUPPLY :

Solid State & Fully Protected against Short Circuit and Overload. It Consists of 2 meter. Output 0-30 volts. Stability 0.20%

1.00 Amp.

6500/-

1 Amp.

7600/-

2 Amp.

9000/-

708. FIXED OUTPUT I.C. REGULATED POWER SUPPLY :

Ideal for conducting practical of OP-AMP, Logic Gates etc. Fully Protected against short circuit & overload.

	1 Amp	2 Amp
5 or 6 volt	2700/-	3600/-
9 or 12 volt	3000/-	4400/-
15 or 18 volt	3300/-	5400/-

(Note: Prices listed are "each")

ELECTRONIC TRAINING BOARDS

709. ASTABLE OR BISTABLE OR MONOSTABLE
MULTIVIBRATOR :

Using Transistors 3000/-

710. HARTLEY OR COLPITT OR PHASE OSCILLATOR : 3000/-

711. SINGLE STAGE R.C. COUPLED (COMMON EMITTER
TRANSISTOR) AMPLIFIER. : 3000/-

712. TWO STAGE R.C. COUPLED AMPLIFIER : 4300/-

713. TRANSISTOR PUSH PULL AMPLIFIER : 5400/-

714. KIRCH OFF LAW APP. :

With Power Supply, Two meters complete in all respects. 5600/-

715. OPERATIONAL AMPLIFIER :

As Inverting & Non Inverting Amplifier. 4600/-

716. F.E.T. AMPLIFIER : 3000/-

Fibre Models

FIBRE GLASS MODELS HUMAN
PHYSIOLOGY

717. HUMAN BODY (TORSO) :

Full Size with all parts removable sexless. 4600/-

718. HUMAN BODY (TORSO) :

Small Size. 2300/-

719. HUMAN SKELTON :

Full Size Articulated. 3800/-

719A. STAND FOR SKELTON :

Wheel Type.	1960/-
720. HUMAN TORSO MALE.	4800/-
721. HUMAN TORSO FEMALE.	5300/-
722. HUMAN BABY WITH PELVIC.	2500/-
723. HUMAN DUMMY WITH DOLL.	4600/-
724. HUMAN BLOOD CIRCULATORY SYSTEM :	
On 9" x 21" board.	580/-
725. HUMAN DIGESTIVE SYSTEM.	580/-
726. HUMAN RESPIRATORY SYSTEM.	580/-
727. HUMAN NERVOUS SYSTEM.	580/-
728. HUMAN MUSCULAR SYSTEM.	580/-

729. HUMAN SKELTON MODEL.	600/-
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730. HUMAN SKELTON :	
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Articulated packed in Show Case.	1000/-
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Articulated packed in Card Box.	400/-
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731. HUMAN LEVER ON STAND OR ON BOARD.	520/-
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732. HUMAN BRAIN - 2 PARTS.	440/-
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733. HUMAN BRAIN - 4 PARTS.	580/-
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734. HUMAN HEART - 2 PARTS.	520/-
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735. HUMAN HEART - 4 PARTS.	600/-
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736. HUMAN HEART BIG SIZE.	2200/-
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737. HUMAN EYE - 7 PARTS.	440/-
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738. HUMAN EYE - WITH ORBIT.	860/-
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739. HUMAN EAR. 560/-

740. HUMAN SKULL WITH BRAIN :

On Board Size 10" x 10". 960/-

741. D.N.A. SET :

On Board Size 16" x 22" 1600/-

742. R.N.A. SET :

On Board Size 16" x 22" 1600/-

743. LUNGS WITH HEART LARGE. 900/-

744. HUMAN LUNGS :

With Heart Dissectable. 1800/-
On Stand. 500/-

745. HUMAN KIDNEY ON STAND. 600/-

746. HUMAN KIDNEY WITH BLADDER ON BOARD. 520/-

747. HUMAN EAR BIG SIZE. (8" x 14")	1400/-
748. HUMAN SKIN ON BOARD.	520/-
749. HUMAN TONGUE.	460/-
750. HUMAN STOMACH ON BOARD.	520/-
751. HUMAN MALE PELVIC LARGE SIZE.	1800/-
752. HUMAN FEMALE PELVIC LARGE SIZE.	560/-
753. HUMAN REPRODUCTIVE ORGANS (FEMALE).	560/-
754. HUMAN REPRODUCTIVE ORGANS (MALE).	560/-
755. HUMAN EXCRETORY SYSTEM ON BOARD.	560/-
756. CHROMOSOME OF MAN ON BOARD.	520/-

757. URINARY SYSTEM.	520/-
758. HUMAN TEETH WITH LOWER & UPPER JAW.	520/-
759. HUMAN LARYNX.	720/-
760. HUMAN UTERUS.	560/-
761. PLACE OF EMBRYO IN UTERUS.	560/-
762. HUMAN ENDOCRINE GLANDS (FEMALE).	500/-
763. HUMAN ENDOCRINE GLANDS (MALE).	500/-
764. DEVELOPMENT OF EMBRYO IN 9 TYPES.	2100/-
765. HUMAN SKULL.	720/-
766. HUMAN NOSE.	500/-

ZOOLOGY MODELS

767. ANIMAL CELL. 480/-

768. AMOEBA 480/-

769. PARAMECIUM. 560/-

770. HYDRA. 560/-

771. FROG DIGESTIVE SYSTEM. 600/-

772. FROG ARTERIAL SYSTEM. 600/-

773. FROG VENOUS SYSTEM. 600/-

774. FROG REPRODUCTIVE (FEMALE). 600/-

775. FROG REPRODUCTIVE (MALE). 600/-

776. FROG BRAIN.	600/-
777. FROG RESPIRATORY.	600/-
778. LIFE HISTORY OF FROG.	900/-
779. FROG DISSECTION.	800/-
780. FROG SKIN.	600/-
781. FROG HEART.	600/-
782. FROG EAR.	600/-
783. FISH DISSECTION.	720/-
784. LIFE HISTORY OF SILK WORM.	640/-
785. LIFE HISTORY OF SILK MOTH.	900/-

786. LIFE HISTORY OF HOUSE FLY.	900/-
787. LIFE HISTORY OF MOSQUITO.	900/-
788. LIFE HISTORY OF HONEY BEE.	900/-
789. LIFE HISTORY OF BUTTERFLY.	900/-
790. MEIOSIS (ANIMAL CELL DIVISION)	
Large Size 16" x 24"	1560/-
Small Size 8" x 16"	720/-
791. EUGLENA	520/-
792. TAPE WORM	680/-
793. EARTHWORM DISSECTION.	720/-
794. BUDDING IN HYDRA.	720/-
795. HYDRA L S.	520/-

796. AMOEBA	520/-
797. COCKROACH DIGESTIVE SYSTEM	600/-
798. COCKROACH RESPIRATORY SYSTEM.	600/-
799. COCKROACH REPRODUCTIVE SYSTEM (FEMALE).	600/-
800. COCKROACH REPRODUCTIVE SYSTEM (MALE).	600/-
801. COCKROACH NERVOUS SYSTEM.	600/-
802. COCKROACH DISSECTION SYSTEM.	600/-
803. PLANT CELL.	520/-
804. MITOSIS (CELL DIVISION) MEIOSIS :	
Large Size	1560/-
Small Size	720/-
805. L.S. FLOWER	600/-

806. L.S. OVARY	720/-
807. T.S. MONOCOT STEM.	560/-
808. T.S. DICOT ROOT.	560/-
809. T.S. MONOCOT LEAF.	560/-
810. T.S. DICOT LEAF.	560/-
811. T.S. MONOCOT LEAF.	560/-
812. T.S. DICOT LEAF.	560/-

CHARTS & SPECIMEN AND PLASTIC MODELS

813. PRINTED CHARTS :

Mounted on Zoology, Botany, Physiology & Chemistry .

- | | |
|-------------------------|-------|
| a) 23" x 36" Laminated. | 240/- |
| b) 30" x 40" Laminated. | 300/- |

814. RAXINE CHARTS :

30" x 40" made on raxine coloured mounted.	960/-
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815. PERIODIC TABLE CHART :

Size 30" x 40" printed in four colour laminated.	300/-
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816. ROLL UP BLACK BOARD :

- | | |
|---------------------------|-------|
| a) 40" x 60" | 480/- |
| b) 70 x 100cm (28" x 40") | 240/- |

817. MAPS :

Laminated Size 30" x 40"	300/-
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818. MAP STAND :

Heavy for 36 charts.	4200/-
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819. BLACK BOARD STAND :

6" Height. 3200/-

820. PLASTIC MODEL :

3 dimensional with key card thick sheet 0.75mm packed in card box. 240/-

821. LIFE HISTORY :

Fully Labelled Mounted in jar in all subject (Common)

6" x 2" 360/-

8" x 2" 240/-

822. MUSEIUM SPECIMEN :

Common variety mounted in jar.

6" x 2" 240/-

8" x 2" 360/-

BIOLOGY

WOODEN WARE

823. TEST TUBE STAND WOODEN :

Seasoned Soft Wood	6peg	12peg
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Price	180/-	320/-
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824. BURETTE STAND :

Wooden Single 460/-

825. BURETTE STAND :

Wooden Double 920/-

826. FUNNEL STAND :

Wooden Single 460/-

827. FUNNEL STAND :

Wooden Double 920/-

828. PIPETTE STAND :

Wooden for 12 Pipettes Vertical 560/-

829. PIPETTE STAND :

For 12 Pipettes Horizontal Position 780/-

830. STAINING RACK :

- | | |
|-------------------------------|-------|
| a) 60ml Bottle for 6 Bottles | 260/- |
| b) 125ml Bottle for 6 Bottles | 360/- |
| c) 125ml for 12 Bottles | 480/- |

831. INSECT BOX :

With Cork Sheet (12" x 18")	700/-
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DISSECTION INSTRUMENT

832. MICRO-SLIDE :

Size 75x25mm, Thickness 1.4mm. (Packet of 50 Slides)	120/- pkt.
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833. MICRO CAVITY SLIDE :

75*25MM		
One Cavity	Two Cavity	Three Cavity
140/-	180/-	216/-

834. COVER SLIP :

Pack of 10 gms.

	Square	Round
18mm	32/-	40/-
22mm	40/-	56/-

835. DISSECTING TRAY :

26 SWG G.I. Sheet without wax.

26 SWG G.I. Sheet without wax	12" * 10"	15" * 12"
	180/-	360/-

836. DISSECTION BOARD :

Soft Wood with Lead.

Soft Wood with lead	20 * 15cm	25 * 30cm
	460/-	720/-

837. DISSECTION BOX :

Stainless Steel in Velvet Box.

Set of 13 Instruments	Set of 17 Instruments
340/-	380/-

838. INSECT NET :

Ring 12" dia with Metal Handle.

300/-

839. DISSECTING NEEDLE :

Plastic Handle Superior Quality

84/- doz.

840. FORCEPS :

Stainless Steel Superior Heavy (Pointed)

4"	5"	6"
32/-	48/-	72/-

841. BONE CUTTER :

Stainless Steel.

5"	6"	8"
300/-	340/-	380/-

842. SCISSORS :

4"	5"	6"
96/-	120/-	140/-

843. SCALPAL :

Blade Type	40/-
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843A. ARROW HEAD NEEDLES .	32/-
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VACCUM TUBES & X-RAYS TUBES

844. SPECTRUM TUBES :

Straight form with a piece for fine capillary in the middle.
Total length 20cms fitted with spectroscopically pure sample
of gases. (Kryeton, Helium, Neon, Hydrogen)

780/-

845. X-RAY TUBE :

Simple Construction with automatic vaccum regulating device with
metal target 90mm dia.

1040/-

845A. CONVERSION OF GALVENOMETER INTO VOLTMETER & AMMETER :

7200/-

845B. CONVERSION OF GALVENOMETER INTO VOLTMETER :

5200/-

845C. CONVERSION OF GALVENOMETER INTO AMMETER :

7200/-

845D. DEMORGAN'S THEOREM : 4800/-

845E. NETWORK THEOREM : 18200/-

845F. NORTON'S THEOREM : 5600/-

845G. NORTON'S & THEVIN'S THEOREM : 7200/-

845H. THEVIN'S THEOREM : 5600/-

846. CROOK'S RADIOMETER SINGLE :

One Side of the mica vanes is blackened and the other is bright.
When placed in sun light or near any source of heat, the vanes rotate. 480/-

847. CROOK'S RADIOMETER DOUBLE :

The vanes rotate in opposite directions. 960/-

GEOGRAPHY

GEOGRAPHY APPARATUS

848. FOUR GLOBE ORREY OR SEASON APP. :

Hand Operated, with gear wheel arrangement. 1320/-

849. FOUR GLOBE ORREY OR SEASON APP. :

-do- Fitted with Electric Bulb.

1500/-

850. APPARATUS TO SHOW THE PHASES OF MOON :

The eight phases are represented way different round discs carefully painted.

1160/-

851. DAY AND NIGHT APP. :

A Geographical Globe fitted on wooden board.

800/-

852. DAY AND NIGHT APP. :

With Electric Arrangement to represent the Sun.

2400/-

853. SOLAR SYSTEM : Complete with instruction hand operated, Nine Planet.

2500/-

854. SOLAR SYSTEM :

With Nine Planet Rotatable with power supply workable on 220V AC 50Hz packed in box.

4100/-

855. SOLAR AND LUNAR ECLIPSE APPARATUS.

820/-

856. STANDARD TIME INDICATOR.

820/-

POLYTHENE

POLYTHENE WARE

857. BEAKERS :

Superior Quality, moulded in Polypropylene have excellent clarity, prominently raised graduations on the outer surface.

Cap.	50ml	100ml	250ml	500ml	1000ml	2000ml
	22/-	26/-	48/-	76/-	128/-	130/-

858. BURETTE :

Transparent Acrylic body and a leak proof stop cock made fitted with a self lubricating P.T.F.E. Plug.

Cap	25ml	50ml	100ml
	736/-	780/-	1280/-

859. DROPPING BOTTLE :

Superior Quality Dropping Bottles dispense small uniform drops of liquid when pressed lightly.

Cap.	60ml	125ml
	42/-	56/-

860. REGENT BOTTLES NARROW MOUTH :

Cap.	60ml	125ml	250ml	500ml	1000ml
	38/-	52/-	86/-	108/-	180/-

861. REGENT BOTTLES NARROW MOUTH :

420/-

862. REAGENT BOTTLES WIDE MOUTH :

Cap.	60ml	125ml	250ml	500ml	1000ml
	42/-	60/-	104/-	128/-	208/-

863. ASPIRATOR BOTTLES :

Superior Quality made of polypropylene.

Cap.	5 liter	10 liter	20 liter
	2060/-	3660/-	5400/-

864. WASH BOTTLES :

Bottles made from low density polythylenes.

Cap.	125ml	250ml	500ml	1000ml
	54/-	72/-	96/-	160/-

865. WASH BOTTLES NEW TYPE. :

Cap.	100ml	250ml	500ml
	88/-	124/-	156/-

866. CONICAL FLASK :

Made of Polypropylene.

Cap.	100ml	250ml	500ml
	104/-	156/-	252/-

867. FISHER CLAMP :

Made of superior quality polypropylene.

For Single Burette	For Double Burette
128/-	256/-

868. FUNNEL HOLDER :

Made of Polypropylene. Funnel Holder can hold funnel with dia 3" to 6" 156/-

869. SEPARATORY FUNNEL HOLDER. 192/-

870. RETORT STAND :

Size	225*150mm (side hole)	300*200mm(side or center hole)
	880/-	1640/-

871. KIPP'S APPARATUS :

Superior High Density Polythene.

Cap.	250ml	500ml	1000ml
	1700/-	2140/-	2600/-

872. FUNNEL :

Superior Quality Long Stem.

Size	50mm	62mm	75mm	100mm	150mm
	12/-	18/-	20/-	38/-	128/-

873. BUCHHER FUNNEL :

Superior Quality Polypropylene.

Size	70mm	110mm
	240/-	332/-

874. PETRI DISH :

Superior Quality Polypropylene. Unbreakable & Autoclavable.

Size	50mm	75mm	100mm	120mm	150mm
	22/-	30/-	38/-	108/-	140/-

875. ATOMIC MODEL SET :

Superior Quality Senior Set consists of 150 lungs & 370 balls of prescribed colors & Junior Sets consists of 30 connecting legs & 75 balls of polystyrene material.

Senior Set: 5800/-
Junior Set: 1240/-

878. CRYSTAL MODEL SET :

Contains Different Color Jacks (Red, Black & White) & Connectors (Long & Short) on Illustrated way to form structures like DIAMOND OR GRAPHITE OR SODIUM CHLORIDE 420/-

879. COUPLIN JAR :

Made of Polypropylene, can hold 10 slides of the size 1" x 3" back to back. 70/-

880. SLIDE BOX :

Superior Quality Polypropylene.

Cap.	25 slides	50 slides	100 slides
	116/-	232/-	392/-

881. VOLUMETRIC FLASK :

Superior Quality Polypropylene.

Cap.	50ml	100ml	250ml	500ml	1000ml
	200/-	240/-	296/-	500/-	700/-

882. TEST TUBE STAND :

Superior Quality for 6 Tubes.

48/-

883. TEST TUBE STAND ROUND :

For 19mm & 25mm Tube.

340/-

884. TEST TUBE STAND (3 TILER) :

Cap.	13mm * 31 tubes	16mm * 31 tubes	25mm * 18 tubes
	340/-	340/-	400/-

885. PIPETTE STAND :

Horizontal for 12 Pipettes.

272/-

886. PIPETTE STAND :

Vertical for 28 Pipettes.

900/-

887. PIPETTE STAND :

For 94 Pipettes (Roatary).

820/-

888. MEASURING CYLINDER :

Superior Quality Polyprolene & TPX Autoclavable.

Cap.	10ml	25ml	50/100ml	250ml	500ml	1000ml	2000ml
	34/-	50/-	64/-	160/-	252/-	480/-	1400/-

889. MEASURING JUGS :

Handy Jugs, Moulded in Polyprolene.

Cap.	250ml	500ml	1000ml	2000ml
	62/-	76/-	128/-	228/-

890. CONICAL MEASURES :

Cap.	25ml	50ml	125ml	200ml
	32/-	44/-	52/-	88/-

890A. SPECIMEN JAR :

Gas Jar 6 x 2" 88/-

891. SEPARATORY FUNNEL :

Cap.	100ml	250ml	500ml
	520/-	640/-	800/-

892. SPATULA :

One Side Flat, One side Spoon. Used to draw salt from container.

Size 150mm: 24.00, 200mm: 32/-

893. PNEUMATIC TROUGH :

Size	180 x 60mm H	200 x 100mm H	250 x 100mm H
.	160/-	240/-	320/-

894. SIMPLE CELL POT :

For making simple cell & voltmeter etc. moulded in polypropylene. 112/-

895. LECHLANCHE CELL POT. 152/-

896. CONNECTORS :

Used for connecting Tube T Connector or Y Connectors. 20/-

897. ATOMIC MODEL SET :

Good Quality. For 60 Balls: 320.00, 120 Balls: 560/-

PORCELAIN WARES

898. CHINA DISH :

Superior Quality Parcelain.

50mm	75mm	100mm	25mm
24/-	36/-	60/-	192/-

899. CRUCIBLE WITH LID :

Pocelain

15ml	20ml	30ml
40/-	48/-	56/-

900. BEEHIVE SHELF 3".

40/-

901. CLAY PIPE TRIANGULARS :

2" 24/-

3" 32/-

902. BUCKNER FUNNEL :

2" 88/-

3" 140/-

4" 200/-

903. PESTEL & MORTER :

3" 64/-

4" 120/-

5" 156/-

6" 240/-

8" 440/-

NEUTRAL GLASS WARE

904. BURETTE :

With Pinch Clip (Packed in card box) N/Glass.

25ml	60/-
50ml	80/-

905. PIPETTES :

Vol. One Mark N/Glass (Packed in card box.)

5ml	264/-	doz
10ml	336/-	doz
25ml	384/-	doz

906. SPECIFIC GRAVITY BOTTLE :

N/Glass (Packed in card box)

25ml	40/-
50ml	60/-

907. SEPARATING FUNNEL :

N/Glass (Packed in card box)

50ml	140/-
250ml	200/-

908. THISTLE FUNNEL :

Cylindrical N/Glass

20/-

909. EUDIOMETER TUBE :

N/Glass

25ml 40/-

50ml 56/-

910. DELIVERY TUBE :

N/Glass 20/-

911. BOYLE'S LAW TUBE :

Plain N/Glass 36/- pair

912. BLOOD SUGAR TUBE :

N/Glass 40/-

913. BOYLE'S LAW TUBE :

Plain N/Glass — 36/- pair

914. BLOOD SUGAR TUBE :

N/Glass — 40/-

915. JOLLY'S AIR BULB :

N/Glass — 76/-

916. WATER LEVEL :

On Stand N/Glass — 96/-

917. CONNECTION TUBE :

T & Y Tube N/Glass

20/-

918. DROPPER WITH RUBBER TEAT :

N/Glass

4": 10/-

6": 14/-

8": 18/-

919. MELTING POINT CAPILLARY.

44/- pkt.

920. PASSTURE PIPETTE.

10/-

GLASSWARE

GLASSWARE MADE FROM BOROSILICATE GLASS

921. BURETTE :

With Teflon Plug or Stop Cock. (Borosilicate Glass)

25ml	240/-
50ml	320/-
100ml	440/-

922. PIPETTE :

Volt One Mark (Borosilicate Glass)

5ml:	100/-
10ml:	108/-
20-25ml:	120/-
50ml:	160/-

923. PIPETTE :

Graduated (Borosilicate Glass)

0.1ml:	120/-
0.2ml:	120/-
0.5ml:	112/-
2.00 ml:	120/-
2.0ml:	120/-
5.0ml:	140/-
20.00 ml:	140/-
25.0ml:	180/-

924. MEASURING CYLINDER :

Graduated made from Borosilicate Glass.

5ml:	104/-
10ml:	96/-
25ml:	160/-
50ml:	220/-
100ml:	320/-
250ml:	560/-
500ml:	800/-
1000ml:	1300/-
2000ml:	2000/-

925. MEASURING FLASK :

(Vol. Flask) One Mark Heavy Type (Borosilicate Glass) with solid Stopper.

10ml:	116/-
25ml:	144/-
50ml:	160/-
100 ml:	212/-
250ml:	320/-
500ml:	580/-
1000ml:	980/-

925A. KIPPL APPARATUS :

500 ml:	4400/-
1000 ml:	5800/-

926. ROUND OR FLAT BOTTOM FLASK :

50ml:	120/-
100ml:	140/-
150ml:	160/-
250ml:	220/-
500ml:	280/-
1000ml:	500/-

927. CONICAL FLASK :

Borosilicate Glass

50ml:	120/-
100ml:	140/-
150ml:	160/-
250ml:	220/-
500ml:	280/-
1000ml:	500/-

928. BEAKER :

Borosilicate Glass

25ml:	40/-
50ml:	76/-
100ml:	100/-
150ml:	112/-
250ml:	160/-
500ml:	240/-
1000ml:	580/-

929. FILTER FUNNEL :

Long Stem (Borosilicate Glass)

50mm:	88/-
65mm:	104/-
75mm:	120/-
100mm:	160/-

930. IODINE FLASK :

With I/C Stopper (Borosilicate Glass)

100ml:	260/-
150ml:	300/-
250ml:	360/-
500ml:	460/-
1000ml:	580/-

931. B.O.D. BOTTLE :

With I/C Stopper (Borosilicate Glass)

60ml:	360/-
125ml:	480/-
300ml:	780/-

932. REAGENT BOTTLE :

With Solid Stopper (Borosilicate Glass)

60ml:	300/-
125ml:	380/-
250ml:	440/-
500ml:	660/-
1000ml:	960/-

933. NESSLER CYLINDER :

Borosilicate Glass

50ml: 116/-

100ml: 192/-

934. SEPARATING FUNNEL :

Heavy Type with stop clock. (Borosilicate Glass)

125ml: 380/-

250ml: 520/-

500ml: 660/-

1000ml: 1160/-

935. SPECIFIC GRAVITY BOTTLE :

Borosilicate Glass with Glass Stopper.

25ml: 160/-

50ml: 180/-

936. TEST TUBE :

Made from Borosilicate Glass with Rim or without Rim.

R.B.

12x75: 580/- per 100

12x100: 640/- per 100

15x100: 740/- per 100

15x125: 1040/- per 100

15x150: 1140/- per 100

18x150: 1280/- per 100

25x150: 2040/- per 100

937. WEIGHING BOTTLE :

With Stopper (Borosilicate Glass) tall form.

5ml:	100/-
15ml:	120/-
25ml:	180/-
60ml:	280/-

938. LEIBIG CONDENSER :

Borosilicate Glass with I/C B-24 Joint.

Length

200mm:	380/-
300mm:	500/-
400mm:	660/-

939. DISTILLATION APPARATUS :

Complete with Flask

250ml:	1200/-
500ml:	1600/-
1000ml:	2100/-

940. SOXLETT APP. :

With Extractor Condenser, R.B. Flask with joint. (Borosilicate Glass)

60ml:	1300/-
100ml:	2040/-
200ml:	2760/-

941. VISCOMETER UNIVERSITY PATTERN :

Borosilicate Glass	132/-
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942. STALGOMETER :

Straight type (Borosilicate Glass)	132/-
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943. HOFFMAN VOLTAMETER :

Graduated limb and removable platinum electrode. Cap. 50ml with metallic stand	2100/-
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944. ASPIRATOR BOTTLE :

With Ground Stopper.	1
Litre: 600/-	
2 Litre: 800/-	
3 Litre: 1140/-	
5 Litre: 1520/-	
10 Litre: 3080/-	

945. BEAKERS :

Low form with spout	
50ml: 40/-	
100/150ml: 46/-	
250ml: 58/-	
500ml: 92/-	
1000ml: 152/-	

946. BATTERY JARS ROUND :

(Simple Cell Jar)

a) 15 x 10 cms:

160/-

b) 20 x 15 cms:

300/-

947. BELL JARS :

With Ground Stopper on Top

a) 20 x 10 cms:

620/-

b) 45.00 x 15 cms:

1020/-

948. CANADA BALASAM BOTTLE :

a) 30ml:

140/-

b) 60ml:

160/-

949. CAVITY BLOCK WITH COVER :

a) 40 x 40 mm:

92/-

b) 55 x 55 mm:

140/-

950. COUPLIN JAR/STAINING JAR :

For 5 Slides

240/-

951. CALCIUM CHLORIDE TOWER :

250 ml

576/-

952. DROPPING BOTTLE T.K. PATTERN :

- a) 30ml: 116/-
- b) 60ml: 148/-
- c) 125ml: 184/-

953. DESSICATORS WITH GROUND COVER KNOBBED :

Dia

- 10cm: 960/-
- 12.5cm: 1300/-
- 15cm: 1740/-
- 20cm: 3240/-
- 25cm: 5900/-

954. FLASK ROUND BOTTOM/FLAT BOTTOM/CONICAL :

- 100/150ml: 48/-
- 250ml: 58/-
- 500ml: 92/-
- 1000ml: 152/-

955. FLASK MEASURING WITH STOPPER :

- 50ml: 132/-
- 100ml: 152/-
- 250ml: 188/-
- 500ml: 260/-
- 1000ml: 360/-

956. FUNNEL :

Conical Shape Long Stem

5cm:	48/-
6.25cm:	52/-
7.5cm:	66/-
10cm:	116/-

957. KIPP'S APPARATUS (GAS GENERATING APP.) :

250ml:	3600/-
500ml:	4300/-
1000ml:	5100/-

958. GAS JAR :

With Ground Flange & Foot

10x4cms:	108/-
15x5cms:	132/-
20x5cms:	168/-
25x5cms:	232/-
30x5cms:	280/-

959. HYDROMETER JARS WITH SPOUT FOOT :

50ml:	140/-
100ml:	160/-
250ml:	208/-
500ml:	240/-
1000ml:	380/-

960. LECLANCHE CELL POT :

172/-

961. MEASURING CYLINDER GRADUATED :

25ml:	150/-
50ml:	168/-
100ml:	200/-
250ml:	280/-
500ml:	344/-
1000ml:	520/-

962. PESTLES & MORTERS :

Size

6cm:	180/-
9cm:	240/-
11.5cm:	332/-
15cm:	284/-

963. PNEUMATIC TROUGHS :

(HT x dia)

15x10cm	296/-
20x10cm	468/-
25x10cm	684/-
25x12.5cm	820/-
30x12.5cm	1120/-

964. PETRIDISH :

5cm	100/-
7.5cm	116/-
10cm	132/-
12.5cm	188/-
15cm	308/-

965. REAGENT BOTTLES :

N.M.F.S.		W.F.M.S
30ml	72/-	88/-
60ml	80/-	100/-
125ml	96/-	108/-
250ml	128/-	128/-
500ml	172/-	188/-
1000ml	296/-	300/-

966. SPIRIT LAMP :

- a) 60ml 156/-
- b) 125ml 180/-

967. SPECIMEN JARS WITH BAKELITE CAP :

180ml	108/-
250ml	144/-
500ml	172/-
1000ml	240/-
1500ml	380/-

968. WINCHESTER BOTTLES STOPPERED :

2 Litre	480/-
5.00 Litre	560/-
3 Litre	612/-
5 Litre	1260/-
10 Litre	1980/-

969. WOULF BOTTLE :

- | | |
|----------|-------|
| a) 250ml | 388/- |
| b) 500ml | 540/- |

970. GLASS TUBING & (RODDING)

252/- Kg.

971. GLASS CAPILLARY.

252/- Kg.

BIO CHEMISTRY

SLIDE BOXES AND CABINET

972. HERBARIUM PRESS :

With Titting Type Bolts, with Fly Nuts for Putting Sufficient Pressure.
Size 45x30cms.

1900/-

973. SLIDE BOX :

Superior Quality polished with aluminium grooves, Sunmica Top

25 Slides	144/-
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50 Slides	240/-
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100 Slides	360/-
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974. MICRO SLIDE CABINET :

Each drawer to hold 100 slides. Drawer fitted with index card, pulling knob and slides over metal rails.

- a) 500 Slides 6000/-
- b) 1000 Slides 10400/-

975. MICRO SLIDE TRAY :

Aluminium, Cap. 20 Slides. 220/-

976. INOCULATION CHAMBER :

(U.V.Chamber) Made of Seasoned Wood with thick Ply, Non Rating Glass provided on two sides and front slanting glass door. With one Flourocent and one Ultra Violet Tube.

- a) 100x60x90cm 19000/-
- b) 100x60x60cm 17000/-

976A. CHROMATOGRAPHY CHAMBER :

Mode of hardwood with Glass on all four side and on top. Internal Surface wax coated.

- a) For 6 Filter Paper of 57 x 68cm Size 82x32x75cm. 22000/-
- b) For 4 Filter Paper of 46 x 57cm Size 65x30x60cm. 19600/-

PLANT PHYSIOLOGY APPARATUS

977. APPARATUS FOR EXPERIMENTS :

On Root Pressure, T tube with stop cock and graduated jar.

228/-

978. APPARATUS FOR MEASURING :

The absorption of water by transpiring plants, complete with stand and thermometer.

1120/-

979. POTOMETER MOIL'S :

Borosilicate Glass for measuring absorption of water by transpiring plants. 760/-

980. POTOMETER GANONG :

On Stand, Packed in card box.

a) Borosil Glass

320/-

981. RESPIROMETER :

Complete with graduated and levelling tubes, rubber tubing and stand.

a) Borosil Glass

920/-

982. FERMENTATION VESSEL :

Kuhne's on Stand, Borosilicate Glass. 208/-

983. DEMONSTRATION RESPIROSCOPE :

In Card Box.

a) Borosilicate Glass. 392/-

983A. FARMER POTOMETER : 380/-

984. LEAF CLASP :

Brass Wire. 132/-

985. GANONG LIGHT SCREEN :

Brass. 16/-

986. ARC INDICATOR :

Model Metal on stand medium size. 480/-

987. ARC INDICATOR :

Big Size All Metal Graduated on heavy stand. 2100/-

988. KLINOSTAT :

With New Clock Movement having start and stop system,
fitted on heavy cast iron base, A Plant carrying cup is also provided. 4500/-

999. WILL MOLT BUBBLER :

Borosilicate Glass Parts 360/-

1000. AUXONOMETER :

With New Clock movement having start and stop system.
An Ideal Instrument for recording growth of plants. Complete
with aluminium pulley, plate, brass clamp and recorder, with fix
rods fitted on heavy cast iron base. 8400/-

1001. MORSE KEY :

On Wooden Base. 520/-

1002. MORSE SOUNDER :

On Wooden Base. 520/-

1003. TELEGRAPH SET :

Set of Two Units. 1900/-

1004. TELEGRAPH SET :

Lecture Type, Set of two Units. 3100/-

1005. TELEPHONE SET :

Wall Type.

3400/-

PHYSIOLOGY

PHYSIOLOGY APPARATUS

1006. KYMOGRAPH :

Electrical Recording Drum 4/8 Speed Gear System or 8 Speed Direct. Electrically Driven drum suitable for general experiment working. With S.S. Spindle on ball-bearing moment, aluminium cylinder 6" dia, robust gear clutch. The Cylinder is raised or lowered and is locked in position by a small lever.

21000/-

1007. ACCESORIES FOR KYMOGRAPH :

Set of seven accessories for conducting Simple Muscle Twitch Experiment viz. Adjustable Stand Myograph, Induction Coil, Simple Electrode, Tuning Fork N-100, Weight Set, Power Supply, Glazed Paper Sheet.

8500/-

1008. ORGAN BATH :

Made of transparent acrylic sheet, chemically welded to make it perfectly leak proof. Complete with uprights, organ & oxygen tubes,

capillary tubing, front lever. Temperature by immersion heater controlled by a Thermostat, Chamber Size : 7"x5"x5". 6900/-

1009. STIMULATORS :

Student Stimulator -Transistorized. 6700/-

1010. COPPER VOLTAMETER :

With Jar 560/-

1011. WATER VOLTAMETER :

With Glass Tube, with Bakelite Part. 380/-

1012. WATER VOLTAMETER :

-do- with platinum electrode. 880/-

E.S.R. & WINTROBE STAND

1013. E.S.R. STAND :

Brass C.P. Parts Powder Coated.

3 Tubes 6 Tubes

Screw Type	380/-	440/-
Clip Type	500/-	580/-

1014. WINTROBE TUBE STAND :

For 6 Tubes Powder Coated.

280/-

1015. TEST TUBE STAND :

Aluminium, Three Tier, Box Form, Thick Sheet.

Dia of hole	12	18	24	36	48 holes
12mm	128/-	148/-	160/-	220/-	280/-
15mm	152/-	188/-	216/-	252/-	320/-
18mm	160/-	204/-	240/-	30/-	360/-
25mm	220/-	332/-	332/-	440/-	580/-

1016. GLASS MARKING PENCIL.

20/-

SURVEY INSTRUMENTS

1017. DUMPY LEVEL :

a) Wooden Box and With Wooden Folding Stand.	15200/-
b) -do- with Aluminium Folding Stand.	17600/-

1018. I.P.O. LEVEL (TILTING LEVEL) :

a) With Wooden Folding Stand.	15600/-
b) With Aluminium Folding Stand.	18400/-

1019. THEODOLITE :

a) Complete with Wooden Folding Stand.	35000/-
b) Complete with Aluminium Folding Stand.	39000/-

1020. PLANE TABLE :

Complete with Wooden Stand & Accesories.	5900/-
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1021. PRISMATIC COMPASS :

a) 4" Brass with Wooden Stand.	4540/-
b) 4" Brass with Aluminuim Stand.	5300/-

1022. LAND MEASURING CHAIN :

20 Meter with 10 Arrows.	2260/-
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1023. LEVELLING STAFF :

4 Meter Aluminium Folding.

3700/-

1024. RANGING ROD METALLIC :

a) 2 Meter Rigid 580/-

b) 3 Meter Rigid 900/-

c) 2 Meter Folding with Canvas Cover 680/-

d) 3 Meter Folding with Canvas Cover 1060/-

PATHOLOGY GOODS

1025. BLOOD CELL COUNTER :

5 Keys 2400/-

8Keys 3200/-

1026. P.H.METER :

a) Table Model with Electrode.

11200/-

b) Table Model without Electrode.

6400/-

1027. PHOTO ELECTRIC CALORIMETER :

a) 8 filters Annalog.

13600/-

b) 8 filters Digital

16000/-

1028. DIGITAL COLONY COUNTER :

With Memory

9200/-

1029. P.H. PAPER :

1-10 PH in Plastic Case.

180/- pkt

1030. H.B. METER :

Regular Quality.

440/-

Superior Quality German Made.

2800/-

1031. W.B.C./R.B.C. PIPETTES :

a) Indian 48/-

b) Imported 580/-

1032. H.B. PIPETTE :

a) Indian 44/-

b) Imported 260/-

1033. E.S.R. TUBE :

a) Indian 44/-

b) Imported 160/-

1034. WINTROBE TUBE :

- a) Indian 44/-
- b) Imported 260/-

1035. HEAMOCYTOMETER :

- a) Complete with German Chamber & W.B.C. & R.B.C. Pipette Original. 4200/-
- b) With China Chamber & W.B.C. & R.B.C. Pipette Regular Quality. 1800/-

1036. CONICAL PERCOLATOR (STAINLESS STEEL) :

Capacity 1000ml, With Lid, Drain Cock, S.S. Sieve on 3 legged stand. 1200/-

1037. SPIROMETER :

6 Litre capacity with chain compensates counter balance to float through pulley, calibrate to donate volume, inlet and outlet tubes. Stainless Steel Chamber. 21000/-

1038. V.D.R.L. SHAKER :

Very Useful for V.D.R.L. Typing grouping as well another agglutination tests also for mixing of Solution in small flasks, beakers, bottles or similar containers, operated on 230volt AC. 16800/-

1039. TABLET HARDNESS TESTER :

PEIZER Type. Cap. 20 Kg. 12400/-

1040. TABLET HARDNESS TESTER :

Monsanto Type Small Portable Device to measure the hardness. 3400/-

1041. TABLET COATING PAN :

12" dia Stainless Steel, The Machine is worked by oil immersed gear box with F.H.P. motor drive. Air blower is operated independently and air is thermostatically controlled to give temprature 30° to 110°C. 42000/-

1042. TABLET MAKING MACHINE :

(Hand Operated) Single Punch for making tablets upto 1000mg as per size of the dia and punch 6, 9 and 12 mm. Automatic Compression and ejection device with each revaluation of the wheel drive, automatic feed and removal of tablets. Heavy Cast Body, with assentric pressure supreme, S.S. hopper provided and connected by a rubber tube, easy setting for thickness and hardness of tablets with nuts & locknuts and set of two spanners. Die and set punches are of chromium steel fitted on stand. 47600/-

1043. TABLET MAKING MACHINE :

Electrically Operated. 88000/-

1044. TABLET COUNTING DEVICE :

Device for 100 tablets of 9.5mm preperations made of aluminium sheet and provided with a pouring lip and handle. 1640/-

1045. SPARE DIE & PUNCHES :

Of Chromium Steel of Size 6, 9 and 12mm (Any one Size)

2240/-

1046. TINCTURE PRESS :

Extra Heavy for making tinctures decoctions, infusions etc.
capacity 1 litre. S.S. disc with screw drive and a S.S. inner
perforated vessel.

5900/-

1047A. BALL MILL MOTOR DRIVEN :

Capacity 2 Kg Complete with Sets of Balls, main lead and plug,
work on 220 volt AC.

20800/-

1047A. BALL MILL MOTOR DRIVEN :

As Above but Cap. 1 Kg.

18000/-

1048. VACCUM PUMP :

Single Stage, Oil Sealed, Air Cooled, V-Belt Driven and mounted
on base plate with belt guard etc. With Motor 220volt AC Single Phase,
Displacement 32 Litre/Min.

25000/-

1049. VACCUM PUMP :

Double Stage 75 Litre Cap.

34000/-

REFRACTROMETERS

1050. POCKET REFRACTROMETER :

For Field and Laboratory. Used for measuring sugar concentration of Cane, Fruits, Juices, Syrups, Cola & Liquids etc.

a) 0 to 32%	5600/-
b) 0 to 50%	5700/-
c) 28 to 62%	6600/-

1051. ABBE REFRACTROMETER :

For Quick and accurate examination of the

a) Refractive Index, b) Mean Dispersion of Liquids, Solids & Powder.	20800/-
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1052. BABBINET COMPENSATOR :

(Mirror Type) Two Round Seals for Analyser for measuring the orientation micrometer screw L.C. 0.001cm.

24000/-

1053. BABBINET'S COMPENSATOR :

(Nicol Prism) Fitted with Nicol Prism.

30000/-

1054. THIN LAYER CHROMATOGRAPHY APP. :

DESAGA German Pattern having movable applicator with inbuilt thickness arrangement between 0 to 2mm. It forever consists of the following components:

- a) Spreader (Applicator) made of Electroplated Brass
- b) Perpex Base of 114 x 23cm to support glass plates
- c) Plate Rack Alluminium, Anodised, for ten 20 x 20cm or 20x 10cm plates
- d) Developing Tank with lid & spotting template of perpex
- e) T.L.C. Plates set of the fine 20 x 20cm and 20x15cm
- f) Glass Sprayer with rabber bellow, cap. 100ml
- g) Micropipette and scribe for marking line.

17600/-

CONVENTIONAL ENERGY MODELS

1055. SOLAR FAN :

Showing How Solar Energy run a fan & meter with the help of solar cell.
1500/-

1055A. SOLAR ENERGY KIT :

Five In One in Wooden Box. 3400/-

1056. SOLAR BULB :

Showing How Solar Energy is produced and changed into electrical energy. 900/-

1057. SOLAR METER :

Same as 1080 but fitted with a meter instead of bulb. 1560/-

1058. WIND MILL :

With Dynamo and Meter Sunmica Top Base. 1560/-

1059. WIND MILL :

Working Model Compact Type with Meter in wooden box. Export Quality. 1980/-

1060. BIO-GAS PLANT :

Cross Sectional Model made of mild steel sheet showing different parts like Gas pipe, Gas Holder Mixing Kit, Iron Pipe, Outlet Pipe, Guide Pipe, Sturry and Portion Walls. 1540/-

1061. SOLAR COOKER WOODEN :

Demonstration Model. 1400/-

1062. MODEL OF SPACE SHUTTLE :

4500/-