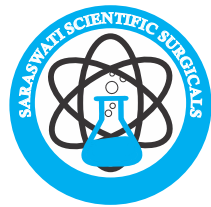


SARASWATI SCIENTIFIC SURGICAL



Our Concern is Quality Not Quantity



Tarvelling Microscope



Heating Mantle



Resistance Box



Glassware

Manufacturer & Exporters

Physics, Biology, Chemistry, Glassware, Plastic Ware, Porcelain Ware, Microscope, Heating & Cooling Test & School, College Instruments

Mob. : +91-94169-75978, +91-78371-73522, +91-70151-93143, +91-89010-95987, 0171-2530092

✉ saraswatiscientificsurgical@gmail.com 🌐 www.saraswatiscientificsurgical.com



Established in the year ----- as a Sole Proprietorship firm at Ambala (Haryana, India). **SARASWATI SCIENTIFIC SURGICAL** is a name that is synonymous with quality & workmanship and it is has been our constant & Endeavour to improve further. Commitment, Efficient Services, Competitive Prices have always been our prime objective. We expect you will endorse us with your esteemed supply orders and we promise you with our greatest possible attention at all times. We are in no doubt to receive the continues co-operation and support of our all patrons & also look ahead to greet new clients interest in our products.

Best Deals In : Laboratory Instruments, Laboratory Glassware & Chemicals, Physics Instruments, Microscopes & Models, Electronics Lab Equipments, Machinery & Pharmacy Equipments Or Ayurvedic Herbs.

Hope the new edition our catalogue will be useful in right product that meets your needs. Wish you a successful upcoming year.



✉ saraswatiscientificsurgicals@gmail.com



BIOLOGY



SSS-001 DISSECTING MICROSCOPE

Provided with cast iron base, closed glass stage having clips to hold specimen, plano concave reflector and detachable hand rests, two eye pieces 10x, 20x. With bakelite parts, packed in thermocole box.



SSS-002 SINGLE NOSE MICROSCOPE

It has a cast iron base and including body, coarse motion is through rack & pinion, supplied with 10x objective and 10x eye piece, stage is fitted with iris diaphragm underneath and stage clip on it, packed in thermocole box.



SSS-003 STUDENT MICROSCOPE

It has a u shaped heavy cast iron base with 90° inclinable body stage size is 110x110 mm with stage clips, separate knob for coarse and fine motion are provided on the body, revolving triple nose piece carries the objectives, illumination is by plano-concave reflector, a bright field condenser is fixed to the stage.



SSS-004 JUNIOR MEDICAL MICROSCOPE

It has a U-shaped heavy cast iron base with 90° inclinable body stage is 110x110mm with stage clips, separate knobs for coarse and fine motion are provided on body, revolving triple nose piece carrier the objectives, illumination is by plano-concave reflector, a bright abbe condenser with diaphragm can be moved up and down through a knob provided on the lower left side of the body.



SSS-005 MEDICAL MICROSCOPE

It is suitable for observation of cells and micro organisms, it has a U-shaped heavy cast iron base with 90° inclinable body, stage is 110x110 mm with stage clips, separate knob for coarse and fine motion are provided on the body, the slow motion is drum type. A detachable mechanical stage.



SSS-006 INCLINED MEDICAL MICROSCOPE

Robust metal construction having a revolving quadruple nose piece to carry four objectives, fully rotatable 45° inclined tube illumination by 6V-20W halogen lamp with solid state control, the large is fitted with a ca-axial mechanical stage for easy manipulation of slide, abbe type moving condenser with diaphragm and swing out filter holder is provided is provided below the stage. Optical combination.



BIOLOGY



SSS-007 BINOCULAR RESEARCH MICROSCOPE

It consists of a heavy aluminum base with electrical fittings inside and an inclined metal stand. Large stage fitted with co-axial mechanical stage for easy manipulation of slide. 45° inclined binocular head is attached to the stand by means of a clamping screws. Binocular head has adjustable inter pupillary distance adjustment and diopter adjustment on the left tube.

Boll bearing type quadruple nose piece is provided for precise movement of objectives. Illumination is by 6V-20W halogen lamp with on/off switch and intensity control knob. Abbe type condenser having glass of 1.25 Numerical Aperture with iris diaphragm and swing out filter holder is provided.



SSS-008 COAXIAL BINOCULAR MICROSCOPE

Most modern Equipped with co-axial 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, binocular head fitted with superior hard coated strain free prisms.

Optical Combination

Eye piece 5x paired Huygenian, 10x paired Wide Field.

Objectives 5x, 10x, 40x (Spring Loaded) 100x (Spring Loaded, parfocalised, oil Immersion)

SSS-009 CO-AXIAL TRINOCULAR MICROSCOPE

Most modern equipped with co-axial 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 & C.C.T.V. Facility.

Optical combination : Eye piece 5x paired (Hug.) Paired wide filed.

Objective 5x 10x 40x (SL) 100x Oil immersion (SL) (Self Parfocalised)



SSS-0010 TRINOCULAR BIOLOGICAL MICROSCOPE WITH CAMERA ATTACHMENT

Trinocular head inclined at 30° and rotatable at 360°. Diopter adjustment ring on accular tube. Interpupillary distance adjustment form 55-75 mm. Vertical tube for digital photography.

Paired eye piece EWF 10XFOV 18mm.

Ojectives 4X S-Plan Achromatic, 10x S-Plan Achromatic, 40X (Spring Loaded, S-Plan Achromatic), 100X (Oil immersion, S-Plan Achromatic.)

SSS-0011 PROJECTION MICROSCOPE 4"

The microscope is provided with one objective 10x, one eyepiece 10x, 100 mm dia projection screen, build in illumination system in the base and a focussing knob.





SSS-0012 SENIOR PROJECTION MICROSCOPE

A dual purpose instrument equipped with 150mm dia meter, build in fine grain glass which is removable to project the image on the wall or screen. Equipped with 12V-100W halogen lamp, loop and arrow pointer, mechanical stage, two objectives 10x, 40x, eyepiece 10x and an cooling fan, packed in a card board box.



SSS-0013 PROFILE PROJECTOR

Compact, light weight table top model. 250 mm diameter screen with 90° cross line and chart holders. Screen is graduated to 360° with vernier reading 6 minutes. Projection light source 24V/150W hologen lamp. Double opaque light source for surface illumination. Two adjustable dichoric reflector lamps 12V/100W each. Focussing through a knob. Optical distortion below 0.15% . Standard magnification 10x. Cooling by built-in Noiseless & vibration free fan.

SSS-0014 HAND AND TABLE MICROTOME



SSS-0015 POINTER EYE PIECE

A huygenian eye piece with an accurately centered fine pointer in velvet case.

- (a) 10x or 10x
- (b) 5x



SSS-0016 MICROSCOPE LAMP

Pin type sub stage lamp, having a plastic ventilated body with a blue filter on one side and plain ground glass filter on the opposite side. Provided with on/off switch.



SSS-0017 MECHANICAL STAGE



SSS-0018 CAMERA LUCIDA MIRROR TYPE



SSS-0019 DOUBLE DEMONSTRATION EYE PIECE



SSS-0020 STAGE MICROMETER



SSS-0021 ACCULAR MICROMETER



SSS-0022 COVER SLIP

Pack of 10 gms.

A	Square
B	Round

SSS-0023 CAVITY SLIDE

A	One Cavity
B	Two Cavity
C	Three Cavity



SSS-0024 SLIDE PREPARED

On Botany & Zoology, school standard.



SSS-0025 DISSECTING TRAY

Heavy, G.I. Sheet without wax

A	12"x10"
B	15"x12"



SSS-0026 DISSECTING BOARD

Soft wood with lead

A	20x15cm
B	20x25cm





BIOLOGY

SSS-0027 INSECT NET

Ring 12" dia with metal handle.



SSS-0028 DISSECTION BOX

Stainless steel in velvet box.



A	13 Instruments
B	17 Instruments

SSS-0029 FORCEPS

Stainless steel, superior heavy (pointed)

A	B	C
4"	5"	6"



SSS-0030 DISSECTING NEEDLE

Plastic handle.

SSS-0031 BONE CUTTER

Stainless steel.

A	B
5"	6"



SSS-0032 SCISSORS

With plastic handle.

A	B	C
4"	5"	6"



SSS-0033 SCISSORS S.S. HEAVY

A	B	C
4"	5"	6"



SSS-0034 CRUCIBLE TONGS S.S.

A	B	C	D	E
6"	8"	10"	12"	18"



SSS-0035 STAINING RACK

Wooden 6 hole

A	30 ml Bottle
B	60 ml Bottle
C	125 ml Bottle



SSS-0036 INSECT BOX

With cork sheet (12"x15")

A	25 Slides
B	50 Slides
C	100 Slides



SSS-0037 SLIDE BOX WOODEN

With Aluminium Grooves



SSS-0038 SLIDE BOX PLASTIC

A	25 Slides
B	50 Slides
C	100 Slides



SSS-0039 SLIDE CABINET

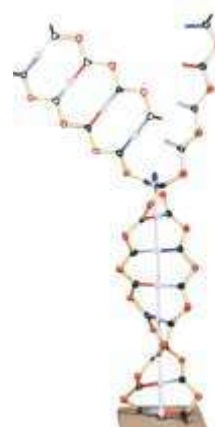
Each drawer to hold 100 slides drawer fitted with index card pulling knob and slider over metal rails with aluminum grooves.



SSS-0040 MODEL DNA



SSS-0041 MODEL RNA



SSS-0042 ANIMAL CELL



SSS-0044 PARAMECIUM MODEL



SSS-0045 AMOEBIA PROTEUS MODEL



SSS-0043 PLANT CELL





BIOLOGY

**SSS-0046
EYE MODEL**



**SSS-0047
BRAIN MODEL**



**SSS-0048
EAR MODEL**



**SSS-0049
HEART MODEL**



**SSS-0050
KIDNEY WITH
BLADDER MODEL**



**SSS-0051
SKELETON**



**SSS-0052
SKIN MODEL**



**SSS-0053 HEAD
& NECK MODEL**



**SSS-0054
TEETH WITH
JAW MODEL**



**SSS-0055
LUNGS MODEL**



**SSS-0056
LARYNX MODEL**



**SSS-0057
REPRODUCTIVE SYSTEM
MALE/FEMALE MODEL**



**SSS-0058
CIRCULATORY
SYSTEM MODEL**



**SSS-0059
NERVOUS
SYSTEM MODEL**



**SSS-0060
PELVIS WITH
BABY MODEL**



**SSS-0061
HYDRA MODEL**



**SSS-0062
RESPIRATORY
SYSTEM MODEL**



**SSS-0063
DIGESTIVE
SYSTEM MODEL**



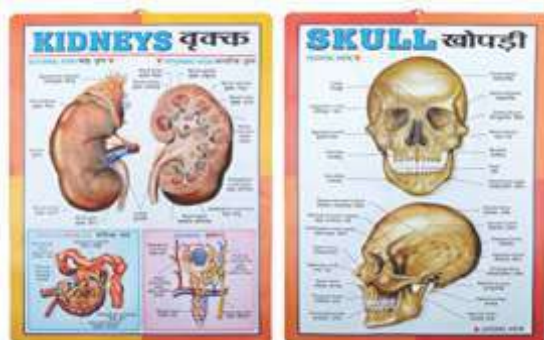
**SSS-0064
TORSO SMALL**



**SSS-0065 PRESERVED EMBEDDED
SPECIMEN**



SSS-0066 CHARTS



SSS-0067 PRESERVED SPECIMEN



✉ saraswatiscientificsurgicals@gmail.com



PHYSICS



SSS-0068 METER SCALE ONE METER & HALF METER

Made from seasoned wood, accurately graduated in cm with clear and fine divisions.



SSS-0069 VERNIER CALLIPERS I.M.E. TYPE

In velvet case.



SSS-0070 VERNIER CALLIPERS WITH DIGITAL READ OUT

Conversion button, on/off switch and zero setting switch. Metal knob for locking the device is provided at the top.



SSS-0071 MICROMETER SCREW GAUGE

Micrometer with ratchet stop, dull chromium plated brass body, accurately threaded M.S rod. Available in: 10mm, 15mm, 20mm, 25mm



SSS-0072 MICROMETER SCREW GAUGE WITH DIGITAL READ OUT

For taking direct reading. The micrometer is provided with mm/inch conversion button, on/off switch and zero setting switch.



SSS-0073 SCREW GAUGE DEMONSTRATION MODEL

20cm long, made of silver alloy useful for class instructions, packed in card box.



SSS-0074 SHPEROMETER BRASS

Brass scale and disc, base fitted with threaded rod and legs, packed in printed duplex box. L.C.1/100MM. Available in Single & Double Disc



SSS-0075 ANALYTICAL WEIGHT BOX

Tested, presented in seasoned cabinet polished velvet lined box packed in printed duplex box. Available in : 50gms, 100gms & 200gms



SSS-0076 PHYSICAL WEIGHT BOX BRASS/IRON

Brass NP, cabinet polished wooden box, duly tested, packed in printing duplex box.



SSS-0077 SLOTTED WEIGHT BRASS/IRON

C.P., Precisely machined & carefully adjusted Set of 5 including hanger.

A	5gms x 5	25gms
B	10gms x 5	50gms
C	20gms x 5	100gms
D	50gms x 5	250gms
E	100gms x 5	500gms



SSS-0078 SPRING BALANCE

Flat form, high impact polystyrene body with zero adjustment, anodised metal scale with clear and accurate divisions. Available in : 100gms, 250gms, 500gms & 1000gms.



SSS-0079 SPRING BALANCE ACRYLIC

Tubular body in card box. Available in : 100gms, 250gms, 500gms & 1000gms.





SSS-0080 STOP CLOCK

Smith type, fly back action, metal body with new Superior machine.



SSS-0082 STOP WATCH

1/5 & 1/10 mechanical in metal case.



SSS-0084 DOUBLE CONVEX LENS

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



SSS-0086 GLASS SLAB

Mode from superior quality moulded glass with glossy.



SSS-0088 DIFFRACTION GRATING

15000 lines per inch



SSS-0090 NEWTON RING APPARATUS

A pair of glasses. One plane, other convex 50mm in metal frame with three screws for applying pressure.



SSS-0092 UNIVERSAL LENS HOLDER

Metal on adjustable stand.



SSS-0094 PIN HOLE CAMERA

Provided with special circular scale. Available in: Wooden & Brass



SSS-0081 DIGITAL STOP CLOCK

Star/stop operation is by means of a mini toggle switch and reset by a push button.



SSS-0083 CONCAVE AND CONVEX MIRROR

Superior, optically true, back nicely silvered with has protective coating any focal length from 15 to 100 cm.



SSS-0085 MAGNIFIERS

Diameter	
A	50MM
B	75MM
C	100MM



SSS-0087 GLASS PRISM

Equilateral, highly polished surface. Available in : 38 & 50mm



SSS-0089 SPECTROMETER PRISM

	(i)	(ii)	(iii)
A	Crown Glass R.I. 1.51	Dense Flint R.I. 1.65	Extra Dense Flint R.I. 1.65
B	25x25MM	25x25MM	25x25MM
C	32x32MM	32x32MM	32x32MM
C	38x38MM		



SSS-0091 LENS HOLDER

V-shaped wooden polished.



SSS-0093 KALIEDOSCOPE

Brass N.P



SSS-0095 PERISCOPE

Made from wood polished.



SSS-0096 TICKER TAPE TIMER

Complete workable on A.C. Mains.





PHYSICS

SSS-0097 DIRECT VISION SPECTROSCOPE

(Hand Spectroscope) wide spectrum 10x10 direct vision prism with precision slit, fitted in brass body with telescopic fousing.



SSS-0098 PULLEYS

A	Single
B	Double long or parallel
C	Triple long or parallel



SSS-0099 WHEEL AND AXLE

Hardwood polished, comprising of 1 grooved wheel, 2 axle of different diameter, mounted jointly on wooden stand.



SSS-0100 CYLINDER OF METALS

Set of 6 different metal cylinders. (Brass, Aluminium, Copper, Zinc, Iron and Lead) All surfaces & edges are smooth.



SSS-0101 PENDULUM BOB

Set 6 different metal bobs with hook. (Brass, aluminium, Copper, Zinc, Iron and Lead)



SSS-0102 DRAWING BOARD

Made from seasoned soft wood.

A	B	C
18"x12"x5/8"	23"x16"x5/8"	24"x18"x5/8"



SSS-0103 DYNAMO WHEEL TYPE

Working model fitted on sunmica base with LED, packed in card box.

A	B	C
AC/DC	AC	DC



SSS-0104 MOTOR MODEL

Mounted on sunmica clad wooden base workable on 2-4 volt DC.



SSS-0105 HYDRO POWER TURBINE

Mounted on sunmica clad wooden base, packed in card box.



SSS-0106 NEWTON COLOUR DISC

Disc 6" hand operated, on metal base.



SSS-0107 COPPER, NICHROME, EUREKA OR CONSTANTAN, MANGANIN, BRASS & STEEL WIRES



SSS-0108 PITH BALL PENDULUM

Fitted on stand with on insulated arm.



SSS-0109 GOLD LEAF ELECTROSCOPE



SSS-0110 CONDUCTOR SET OF 3

Made of brass, fitted on insulated stand, provided with cone, sphere and cylinder.



SSS-0111 DENIAL CELL

To draw current in open or closed circuit, comprising of polished copper vessel with terminal, empty porous pot covered with copper lid and a zinc rod.





PHYSICS

SSS-0112 GOOD & BAD CONDUCTOR

Fitted on base, provided with three different material.



SSS-0113 SIMPLE VOLTAIC CELL

Comprising of PVC jar zinc copper plates, fitted on Bakelite cover with LED.



SSS-0114 COPPER VOLTAMETER

To demonstrate the principle of Electroplating complete in plastic jar with three copper plates suspended from a moulded bakelite cover.



SSS-0115 LECLANCHE CELL

To draw strong current for short durations, comprising a thick plastic jar, charged porous pot and zinc rod.



SSS-0116 WATER VOLTAMETER

With glass jar on wooden base, provided with two glass tubes.



SSS-0117 BATTERY ELIMINATOR

With heavy transformer, bridge rectifier, rotary switch for output selection, on/off switch. Available in : 1, 2 & 3 Amp.



SSS-0118 BATTERY CHARGER

Workable on 230 volts AC with heavy transformer, bridge. Available in : 1, 2 & 3 Amp.



SSS-0119 ACCUMULATOR MASS TYPE

Mass type, 2 volts, plastic container with moulded lid and terminals. Available in : 20Ah, 45Ah



SSS-0120 STEP DOWN TRANSFORMER

Fitted in metal box. Output 2, 4, 6, 8, 10, 12 volts AC Input - 220 volt. Available in : 1, 2 & 3 Amp.



SSS-0121 PHYSICAL BALANCE

Capacity 200 gm sensitivity 2 mg. The balance is mounted on sturdy wooden base with leveling screws. Teakwood showcase with panel doors.



SSS-0122 CHEMICAL BALANCE

Capacity 200gm sensitivity 1/5 gm, brass beam has 50 engraved divisions on either side, each division represents 1/5 mg rider on scale.



SSS-0123 ANALYTICAL BALANCE

Most accurate with straight, extended beam and rider attachment, capacity 200gm, sensitivity 1/10mg. Brass beam has 100 graduated divisions with 0 at the centre.



SSS-0124 TRIPPLE BEAM BALANCE

For direct reading with sliding riders, fitted on metal base.



SSS-0125 BAR RANGER BALANCE

Metal body, SS Pan packed in card box. Available In : 5 & 10 kg.



SSS-0126 DISPENSING BALANCE

Double pan, packed in wooden box. Capacity 100gm.



SSS-0127 PERSONAL WEIGHING SCALE

Maximum capacity 120 kg. Least count 0.5 kg.



✉ saraswatiscientificsurgicals@gmail.com



PHYSICS



SSS-0128 DIGITAL BALANCE

- Top pan, digital display, battery/mains operated.
- Capacity 300 gm, sensitivity 10 mg.



SSS-0129 PLUG KEY

A	B	C	D	E	E
One way	Two way	Three way	Four way	Six way	Tapping Key



SSS-0130 POHL'S COMMUTATOR & REVERSING SWITCH

For use hysteresis experiment-with brass C.P. Parts fitted on thick bakelite base.



SSS-0131 POTENTIOMETERS

Fitted on nicely polished plywood base with sunmica top, soft wood graduated scale 100cmx mm, provided with pencil jockey. Available in 4 wire & 10 wire.



SSS-0132 CHARGE & DISCHARGE KEY

For charging and discharge of a capacity, fitted on thick bakelite base with silver contact.



SSS-0133 METER BRIDGE

(Wheatstone Bridge) one meter long, plywood base and sumica top, graduated scale, constantan wire is stretched on top.



SSS-0134 RESISTANCE BOX DIAL TYPE

A	B	C	D	E
One Dial	Two Dial	Three Dial	Four Dial	Five Dial



SSS-0135 KOHLRAUSCH CONDUCTIVITY BRIDGE

For direct measurement of electrolytic resistance. Comprising a calibrated scale 0.01-10 ohms and multiplier ratio dial giving 6 ratios 0.1, 1, 10, 100, 1000 and 10000. It is useful for quick determination of resistance too when galvanometer replaces the headphone in the detector circuit. With circular scale, accuracy $\pm 0.1\%$.



SSS-0136 RHEOSTATS PORCELAIN TUBE

Mounted with heavily oxidised eureka wire and mounted on duco painted metal feet.



SSS-0137 DE-SAUTY'S BRIDGE

For comparison of capacities of condensers. It consists an AC source, a detector, 5 unknown values. Circuit diagram is printed on board and 2 ratio dials of X10 & X100 are provided. Accuracy $\pm 0.05\%$ to $\pm 0.1\%$



SSS-0138 RESISTANCE BOX PLUG TYPE

In teak wood box fitted with rectangular brass block, double silk covered non inductive winding, interchangeable plug.



SSS-0140 CALLENDER AND GRIFFITH'S BRIDGE

Callender and Griffith's Bridge Carry foster bridge and potentiometer combined in one instrument. 50cm long slide wire of 1ohms resistance is calibrated into 100 equal parts.



SSS-0139 POST OFFICE BOX PLUG TYPE

Fitted with rectangular brass blocks, lacquered, interchangeable plugs are connected with double nut system. 10-10000 ohms.





SSS-0141 PLATINUM RESISTANCE THERMOMETER

Consisting of heat treated winding of the purest form of platinum having resistance of 2.8 ohms, enclosed in a borosilicate glass grounded tube, provided with four terminals, two for non-inductive winding and two for compensating leads.



SSS-0143 REYLEIGH'S BRIDGE

For measurement of self inductance of a coil, provided with ratio arm resistance arm, slide wire and special double key, calibrated to ± 0.05 to $\pm 0.1\%$



SSS-0145 ANDERSON BRIDGE

Used to measure inductance of a coil, provided with three resistance arm, one inductance and one capacitance.



SSS-0147 PORTABLE WHEATSTONE BRIDGE

It is fully portable with build in galvanometer and battery, designed to provide an accurate and sensitive measurement to resistance and locking fualts in vables by adopting the murray and varley loop circuit for tests. Separate terminals for current, battery and galavnometer are provided on bakelite panel.



SSS-0149 KELVIN DOUBLE BRIDGE

For precise measurement fo low resistance, capable of measuring resistance from 0.1 micro-ohm to 1.1 ohms. Ten standard resistance of manganin are provided in steps of 0.01 ohm each in dial form wire five multiple ratio of 0.001, 0.01, 0.1, 1 and 10 ohms.



SSS-0151 DIGITAL PANEL METER

3½ Digital display with 9 volt battery.



SSS-0142 MILLIAMMETER, MICRO-AMMETER, VOLTMETER, MILLIVOLTMETER

Available in 100mV 100mV, 500mV range.

A	B	C
M065	MR80	MR100
Top Terminals	Delux-Square	(80x100) Ractangular



SSS-0144 MULTIMETER DIGITAL

Workable on 9 volt battery. Provided with lest leads.



SSS-0146 STEWART AND GEE'S APPARATUS

To determine the variation of magnetic field along the axis of a coils, a circular non magnetic frame has copper wire wound on it.



SSS-0148 BALLISTIC GALVANOMETER

Housed in bakelite body for measurement of small quantities of electrical charge, deflection closely proportional to the electric charge, robust and rigid in construction, easy to operate, provided with zero adjustable and locking devices. Time period 10-12 seconds.



SSS-0150 TANGENT GALVANOMETER

The whole assembly rotates an a non magnetic tripod base with non magnetic leveling screws. Compass box is mounted on non-magnetic metallic cup and is free to rotate around it. Available in : Aluminum, Brass & Wooden Parts



SSS-0152 SPOT REFLECTING GALVANOMETER

Highly sensitive instrument to be used as null detector in wheatstone bridge and potentiometer experiments.





PHYSICS



SSS-0153 LAMP AND SCALE OUTFIT

Suitable for use with ballistic galvanometer, provided with 6 volt step down transformer, 6V/20W lamp housed in metal container, a translucent perspex scale attachment graduated in 25-0-25 or 0-50 cm, plug and cord.



SSS-0155 PNP TRANSISTOR

Fitted on board with banana socket and circuit diagram.



SSS-0157 RESISTANCE IN SERIES AND PARALLEL KIT

It consists of two circuit boards, one rheostat, one ammeter (MR-80) and patch cords.



SSS-0159 TRIODE VALVE CHARACTERISTIC APPARATUS

With build-in stabilized power supply workable on 230 volts AC, fitted with Triode valve on front panel, with two moving coil meters.



SSS-0161 PN JUNCTION DIODE CHARACTERISTIC APPARATUS

To study Forward & Reverse Characteristics of PN Junction Diode. Instrument comprises of two DC Regulated Power Supplies 0-3VDC/150mA & 0-30 VDC/150mA, two dual range round meters for voltage & current measurement, PN Junction Diodes mounted behind the panel, connections of Supplies, Meters & Diodes brought out at 4 mm Sockets.



SSS-0163 NPN TRANSISTOR

Fitted on board with banana socket and circuit diagram.



SSS-0165 OHM'S LAW APPARATUS

Instrument comprises of Two moving coil meters to measure voltage & current, One wire wound Potentiometer. Circuit diagram Printed.



SSS-0154 DIODE VALVE CHARACTERISTIC APPARATUS

With build-in stabilized power supply and two moving coil meters, fitted with diode valve on front panel. Consists of High Voltage.



SSS-0156 ZENER DIODE CHARACTERISTIC APPARATUS

With build-in stabilised power supply and two moving coil metres 15V and 100mA.



SSS-0158 PLANK'S CONSTANT APPT.

With build-in power supply having 2 meters, workable on 220 volts AC, photo electric cell mounted in a metal box with slit to hold fitted provided with a light source.



SSS-0160 E/M BY THOMSON METHOD (Bar Magnet Method)

With build-in power supply to operate cathode ray tube, one voltmeter shows deflection voltage, C.R.T. Is mounted on teak is provided to hold bar magnets and deflection magnetometer.



SSS-0162 MILIKAN'S OIL DROP APPARATUS

It consists of a condenser, a light source and a measuring microscope all mounted on a common platform. A strong pillar mounted on a heavy base carries microscope and lamp house. An oil container with a pump is provided at the top of the pillar and oil drops pass through a hole in the plate (placed just below the oil container). The microscope has up-down and sideways adjustment knobs provided with power supply.



SSS-0164 COLPITT OSCILLATOR

To study frequency and waveshape generated by Colpitt Oscillator, instrument comprises of 12V DC regulated power supply.





PHYSICS



SSS-0166 WEIN BRIDGE OSCILLATOR

Using Operational Amplifier IC 741 : instrument comprises of 12V DC regulated power supply components mounted on front panel.



SSS-0168 CHARGING AND DISCHARGING OF CONDENSER

To study RC time constant during charging and discharging of a capacitor, with build-in stabilizer power supply workable on 220 AC.



SSS-0170 E/M BY LONG SOLENOID/ HELICAL METHOD

Kit comprises of high voltage power supply unit with intensity, focus X and Y, deflection solenoid current controls, two meters are provided for acceleration voltage control & for solenoid current control, solenoid unit comprises of one solenoid mounted on wooden stand & 3" cathode ray tube is kept in the solenoid pipe.



SSS-0172 HARTLEY OSCILLATOR

To study frequency and waveshape generated by Hartley Oscillator, instrument comprises of 30V DC regulated power supply.



SSS-0174 PHASE SHIFT OSCILLATOR

To study frequency and waveshape generated by Phase Shift Oscillator, instrument comprises of 12V DC regulated power supply.



SSS-0176 FUNCTION GENERATOR

Range 1Hz to 100 KHz.



SSS-0178 FET VOLT-OHM METER SOLID STATE

(VTVM) tripple range, fitted with deluxe meter with transparent cover, input impedance 11 megohms.



SSS-0167 TWO STAGE RC COUPLED TRANSISTOR AMPLIFIER (Frequency Response)

Instrument comprises of DC regulated power supply printed circuit diagram.



SSS-0169 ENERGY BAND GAP OF PN JUNCTION DIODE

To plot reverse saturation current Vs temperature in reverse biased PN junction diode, instrument comprises of DC regulated power supply 0-20 volt /150mA two moving coil meters 20V and 100uA for voltage & current measurement, one PN junction diode (ge type) kept in oven with temperature control knob.



SSS-0171 BH CURVE APPARATUS

To trace hysteresis curves on CRO using resistance, capacitance & inductance, instrument comprises of AC power supply 3-15V, output selectable using band switch.



SSS-0173 THERMISTOR CHARACTERISTIC APPARATUS

With build-in stabitized power supply, workable on 230 volts AC, a thermister fitted with build-in oven and thermometer is mounted on front panel.



SSS-0175 STUDY OF OPERATIONS AMPLIFIER ADDER, SUBTRACTOR, INTEGRATOR AND DIFFERENTIATION

Instrument comprises of DC regulated power supplies of 0-5 Volt and ± 15 volt, one digital meter to measure input and output voltages, combination of remittances, capacitors mounted on front panel.



SSS-0177 SOLAR CELL CHARACTERISTICS APP.

To draw V characteristics of solar cell, instrument comprises of moving coil meters fitted on panel with power supply, lamp house, solar cell mounted supplied with wooden plank.



✉ saraswatiscientificsurgicals@gmail.com



PHYSICS



SSS-0179 VERIFICATION OF KCL AND KVL

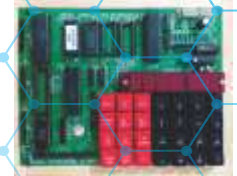
Instrument comprises of DC regular power supply 0-3 V/250mA, two moving coil meters 5V, 250mA for voltage & current measurement, combination of resistance mounted on front panel.



SSS-0180 MICROPROCESSOR TRAINING KIT

Kit is based on 8085 microprocessor and is designed to provided ease in interaction with 8 bit microprocessor capabilities.

This kit can be used to train engineers about the microprocessor technology to control and industrial process and to develop software for this system.



SSS-0181 CLOTHED RAY OSCILLOSCOPE Dual Trace, Band Width DC to 20 MHZ

Workable on 220 Volt, 50 Hz. Vertical deflection coefficients 5mV to 20V/div., Time base 20 ns - 0.2 s/div., Variable hold off, X10 magnification, triggering DC 20 Mhz., Active TV sync sep., Alternate triggering, LED indication for stable triggering, XY mode, Z modulation, saw tooth output (5 Vpp approx) component tester, 2 level calibrator.



SSS-0182 SUSCEPTIBILITY OF FE CL₂ SOLUTION (Quinck's Tube Method)

To study susceptibility of ferrous solution in strong magnetic field, it consists of electromagnet of 7.5 K.G. Strength, 0-100V 4 Amps. Variable power supply. Digital gauss meter 0-20 Kg with hall probe and graduated capillary tube.



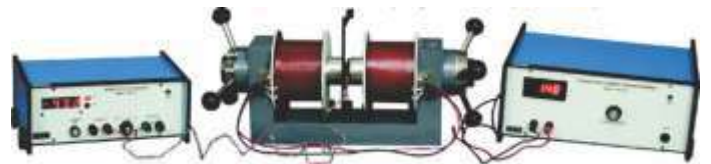
SSS-0183 DIGITAL STORAGE OSCILLOSCOPE (DSO)

Signal bandwidth 25 Mhz., Independent vertical scale and position control knobs for each channel, 24 parameters of automatic measurements, low-pass, high-pass, band-reject digital filters with adjustable cut-off frequency.



SSS-0184 HALL EFFECT EXPERIMENT

The setup consists of electromagnet of 7.5Kg., Power supply for electromagnet 0-100V/4 amps, germanium crystal mounted, constant current power supply 0-20 mA fitted with two digital meters, digital gauss meter 0-20 kilo gauss and hall probe.



SSS-0185 DIELECTRIC CONSTANT APPARATUS

To calculate dielectric constant of solid. The instrument consists of high frequency oscillator of tuneable frequency, optimum tuning of oscillator between parallel plates, change is detected on difference is noted for calculation.



SSS-0187 RESISTIVITY OF SEMICONDUCTORS BY FOUR PROBE METHOD

The experiment consists of the following :

- Four Probe Arrangement
- Oven (upto 200-C)
- Sample : Ge Crystal mounted
- Thermometer (0-200-C)



SSS-0186 G.M. COUNTER DIGITAL

Instrument consists of power supply for G.M. Tube with digital read out meter. 6 digit counting system with its power supply. Controls for reset, start and stop fixed on panel. One presetable time with 3 digit display and thumb wheel switch. Complete with G.M. Tube stand, and one radio active source.





SSS-0188 ULTRASONIC INTERFEROMETER

It is a simple device to determine the ultrasonic velocity in liquids, the principle is based on accurate measurement of wave length in the medium. Ultrasonic waves of known frequency are produced by a quartz plate fixed at the bottom of the cell. The waves are reflected by a moveable metallic plate.



SSS-0190 SPECTROMETER

A basic instrument for performing spectroscopy experiments, designed to give best possible results, mounted on stable cast iron base, protracted scale 150mm is divided on precision machine, vernier reading 1 min., Telescope is fitted with 25mm dia.



SSS-0192 NEWTON'S RING MICROSCOPE

Compact with all the necessary arrangements for conducting newton's Ring experiment, a standard microscope unit with 30x magnification and rotatable cross line.



SSS-0194 SIX POSITION VERNIER MICROSCOPE

Consisting of cast iron heavy base accurately machined with travelling carriage on top, microscope is fitted with 10X Ramsden's eye and achromatic objective of 75mm working distance.



SSS-0196 TRAVELLING MICROSCOPE

Sliding carriage is fitted on the top carriage which moves at right angle to the horizontal motion by means of rack & pinion, for certain experiment like Newton Ring and group reading this microscope is very convenient to use. Supplied plywood box.



SSS-0198 POLAROID

It consists of two identical units each with Polaroid disc in a rotatable mount, brass scales are divided into 360° with Least Count of 1 min.



SSS-0189 MICHELSON INTERFEROMETER

It is divided in two parts : (i) Mechanical

- a) Bed : It is optically ground and stable.
- b) Lead Screw : it is also optically ground with 200mm length and 1mm pitch.
- c) Optical Mirror Mount : Kinematic mirror mounts are provided to hold the mirror.
- ii) Optical Part:
 - a) Beam splitter : It is optically work with /10surface flatness.
 - b) compensating Plates : Two plates are provided.
 - c) mirror : 2Nos mirror of focal length 20mm are provided.



SSS-0191 SEXTANT STANDARD

Designed to give maximum accuracy with 160 mm stainless steel scale divided to 130°, vernier reading 12seconds.



SSS-0193 SEXTANT STAND

Nice duco painted heavy base with steel C.P. Rod.



SSS-0195 WOODEN BOX FOR SODIUM & MERCURY VAPOR LAMP

Wooden box with slits on three sides to perform 3 experiments at a time, each slit has two rides to adjust the length of slit or close it when no experiment is being performed.



SSS-0197 OPTICAL BENCH DOUBLE ROD

Consists of two 1 meter long metal rods, one of the rods evenly divided in mm, supported on heavy cast iron feet. Provided with four heavy metal slider and accessories. Two of the sliders have transverse motion.

A	Half shapered accessories
B	Full shapered accessories





PHYSICS

SSS-0199 READING TELESCOPE

One meter to infinity provided with 10X Ramsden eye piece with cross wire, achromatic objective. Focussing with rack & pinion, height of telescope is adjustable, fitted on cast iron base.



SSS-0201 BIPRISM ASSEMBLY

To demonstrate the phenomenon of interference light using bi-prism and to understand the concept of interference images- formation and width of fringes.



SSS-0200 RAY OPTICS KIT

An ideal instruments to demonstrate basic principles of light like reflection, refraction, deviation of light through prism or slab, with standard accessories.



SSS-0202 NODAL SLIDE ASSEMBLY

It consists of a 1½ meter long stainless steel double rod optical bench with the following accessories.

- (a) Lamp house
- (b) Metal screen white with cross slit :
- (c) Plane true tiltable mounted mirror.
- (d) Lens assembly consisting of combination of single & double lens holder.



SSS-0203 SODIUM & MERCURY VAPOR LAMP TRANSFORMER

Metal box with piano type on/off switch. Out put is through a 3 pin socket. The transformer is auto leak type and given starting voltage of 440 V which reduces itself when the lamp glows.



SSS-0204 HE-NE LASER ASSEMBLY WITH OPTICAL BENCH

For demonstration of interference, diffraction and holography. Laser source and switch mode power supply are housed in a thick aluminium box with a hole through which laser beam comes out. The laser unit is mounted on a precision 1 meter double rod SS optical bench. Intensity of laser beam is 2mW and it is red in color.



SSS-0205 ASTRONOMICAL TELESCOPE

A telescope for school students for general purpose use. The telescope is mounted on a pillar having universal motion. The whole assembly is fitted on duco painted metal stand of 4 feet adjustable height. The telescope is packed in velvet box.



SSS-0207 LUMMAR BRODHUM PHOTOMETER ASSEMBLY

Complete with 1.5 meters ss rod optical bench having the following components:-

- A. L.B. Photometer Head
- B. Lamp House



SSS-0206 INCLINED PLANE 3"

Fitted with glass plate and clamping arrangement to change angle, provided with frictionless pulley, metal roller, scale-pan and graduated arc.



SSS-0208 FRICTION BOARD APPARATUS

Fitted with glass plate, provided with frictionless pulley, wooden block, pan and a set of friction rollers.



SSS-0209 DIODE LASER ASSEMBLY

Diode laser, provided with set of 13 loser gratings to perform simple experiments.



SSS-0210 NEWTON'S SECOND LAW OF MOTION

Consisting of two iron balls, one spring loading rod and a clamp fitted on wooden board.





SSS-0211 INERTIA TABLE

An aluminium disc of 150mm dia, accurately turned, supports three or more masses fitted into a groove concentric with the circumference, fitted with chunk & mirror, supported by steel C.P. Rods, fitted on a heavy base with levelling screws.



SSS-0213 COMPOUND BAR PENDULUM

To study variation of time with length for a compound pendulum. Complete with power coated wall bracket.



SSS-0216 KATER'S REVERSIBLE PENDULUM

Consists of steel C.P. Rod one meter long, two adjustable knife edges facing each other, two cast iron weight are provided to slide along the length of the bar and can be clamped in any position.



SSS-0217 INERTIA APPARATUS (NEWTON'S 1ST LAW)

All metal big size export quality, packed in card box.



SSS-0219 G BY FREE FALL

To determine the value of G.it consists of an electronic unit having four sockets and a switch to help hold or release the ball. A heavy retort stand carries a solenoid. When toggle switch is on catch position, current flows through solenoid producing a magnetic field and holding the ball.



AEI-BP-622 BIFILAR PENDULUM

To find the moment of inertia of given mass of rectangular cross section. It consists of heavy cast iron rectangular plate having 6 holes.



SSS-0212 TORSION PENDULUM

A carefully turned brass disc 125mm dia 12mm thickness is provided with split chuck in the centre.



SSS-0214 MAXWELL'S VIBRATION NEEDLE

Brass C.P. For experiments on rigidity. It consists of a hollow cylindrical brass tube open at both ends with a chuck carrying a mirror.



SSS-0215 TORSION APPARATUS SEARLE'S HORIZONTAL PATTERN

Consists of two cast iron feet, two supporting rods, one wheel with groove moving on ball bearings is provided with chunk to hold the test rod, alluminium scales with pointed are attached to specimen rod.



SSS-0218 YOUNG'S MODULUS APPARATUS (SEARLE'S)

To determine young's modulus of a wire. It consists of two rectangular frames connected by a link. The frames are fitted with self centering chucks, provided with a spirit level.



SSS-0220 FLY WHEEL

20cms in dia and 45mm wide, accurately balanced wheel is mounted on a horizontal shaft help in ball bearings. The wheel is marked and a pointer is fixed to the bracket.



AEI-PFA-621 PARALLELOGRAM OF FORCES APP.

Board covered with sunmica on both sides, three sets of 50gm x iron slotted weight & two special export quality pulleys.



AEI-SRA-623 SEARL'S RIGIDITY APPARATUS

To find the modulus of rigidity & youngs modulus for a wire. The 30cm long wire under test is connected to two brass rods 30cm long.





PHYSICS



SSS-0224 TORSION APPARATUS SEARL'S (VERTICAL PATTERN) BARTONS APP.

It consists of a mild steel frame mounted on a heavy cast iron base fitted with levelling screws, three sliding circular scales graduated in degrees are provided which can be clamped at any position.



SSS-0225 FORTIN'S BAROMETER

An instrument measure atmospheric pressure in laboratories. With metric and English system scales reading 25" to 32" and 64cm to 81cm. Vernier operating with rack pinion, reads 0.1" and 0.1cm.



SSS-0226 BENDING OF BEAM APPARATUS

Comprising a metal bar one meter long resting on knife edges of two heavy table clamps, hanger with knife edges moves on metal bar, spherometer fitted on cast iron stand with electric contacts is also provided.



SSS-0227 ANEROID BAROMETER

Demonstration type. The aneroid movement with dial is mounted vertically inside a transparent case.



SSS-0229 PARALLELOGRAM OF FORCES APPARATUS

For verifying the relation between forces acting at a point, provided with two clamp type pulleys for mounting at any position.



SSS-0228 BUCKET AND CYLINDER

To demonstrate the achimedes principle, made form iron and brass.



SSS-0231 K CONSTANT APPARATUS SPRING CONSTANT APP.

Provided with half meter scale, spring with pointer and slotted weights, fitted on nicely painted iron base.



SSS-0230 BOYLE'S LAW APPARATUS

Two glass tubes one closed at the top and other open are help in clmps which can be locked at any position, clamps can slide on two steel C.P. Rods, wooden plank carrying a meter scale is mounted on heavy cast iron base with levelling screws.



SSS-0233 HOOK'S LOW APP.

Fitted on stand with 6" meter scale and hanger.



SSS-0232 RAIN GAUGE APP.

A non rusting metal vessel having a funnel approx 4" dia fitted on top of a cylindrical container of same diameter, provided with polythene measure.



SSS-0235 AIR PUMP

Fitted with aluminium palte of dia. 15cm and steel C.P. Barrel on wooden base, provided with a stop cock, on inlet screw and a connecting for pressure rubber tubing.



SSS-0234 ARCHIMEDES PRINCIPLE APP.

It consists of a 8x7" base and a rod, spring balance with clamp, plastic measurement cylinder, a brass bob of 25 mm dia.





SSS-0236 BELL IN BELL JAR

Experiment to demonstrate that sound cannot travel in vacuum, it consists of a bell Jar fitted with electric bell. Operates on 6 volt.



SSS-0238 WIND VANE

Small sized, cock shaped, fitted on base with N W E S arm clearly visible.



SSS-0240 ANEMOMETER

Cup shape with counter. The instrument has a wheel consisting of three conical cups in horizontal plane.



SSS-0241 JAEGER'S SURFACE TENSION APPARATUS

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



SSS-0243 SURFACE TENSION BALANCE (SEARLE'S)

For measuring surface tension of soap film or any transparent liquid, deflection of pointer on scale gives the reading, steel wire is stretched on a tripod stand. With tightening screw, scale-pan and side clip.



SSS-0245 U-TUBE APPARATUS

For use as a manometer, provided with a glass tube, meter scale and fitted on wooden stand.



SSS-0237 VISCOSITY APPARATUS STOKES'S METHOD

The instrument is based on principle of fall of spherical ball through liquid. This instrument is used to determine viscosity of a transparent liquid like glycerine.



SSS-0239 RESONANCE APP.

To determine the velocity of sound, it consists of a vertical wooden plank which carries a wooden scale at one side, a brass tube on another and a transparent tube in between.



SSS-0242 ELECTRICAL VIBRATOR

To determine the frequency of AC mains, e.m.f. Of cells and capacity of condenser. A thin steel is clamped at one end and passes through a small solenoid. One end of the rod is flattened and a thread is tied to it. The solenoid is connected to AC mains through a suitable lamp resistance.



SSS-0244 STEAM ENGINE BOILER TYPE WORKING MODEL

It consists of two part
1. Steam Boiler
2. Engine



SSS-0246 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 it can be tightened with a thumb screws.





PHYSICS

SSS-0247 MELDE'S APPARATUS

Consists of electrically maintained tuning fork with frequency of 60 vibrations per sec., An electro magnet is placed between prongs of the fork with touching it, a small type strip is attached to one of the prong, can be silk cord, pulley, stand, scale-pan and G-clamp.



SSS-0250 WAVE MOTION APPARATUS

With heavy discs supporting a series of rods. On revolving the handle, motion is transmitted from one rod to next appearing as a travelling wave, fitted on nicely polished wooden base.



SSS-0252 REFLECTION OF SOUND APPARATUS

To show that angle of incidence and angle of reflection are same for a particular setting.



SSS-0254 RIPPLE TANK

To study propagation, reflecting, refraction diffraction and interference of waves, consists of an enameled M.S. Sheet frame with four adjustable legs, complete with all the accessories and working instructions, size of tank is 30x30cm.



SSS-0248 RING & BALL APPARATUS

To explain thermal expansion. It consists of a brass ring fitted on brass rod with wooden handle and a brass ball attached by chain.



SSS-0249 COMPOUND METAL STRIP BIMETALLIC STRIP

Consists of 30 cms. Long strips of two different metals rivetted together end to end, as thermal expansion of two material is unequal, the strips will band when heated, provided with wooden handle.



SSS-0251 PYROMETER

(Simple Linear Expansion) it consists of a metallic base with two vertical pillars. One pillar supports a pointer pivoted at its upper end and the other end moving freely on an arbitrary scale. The other pillar supports the specimen rod with one end touching the adjustment screw for setting the pointer to zero, supplied with three test rods.



SSS-0253 CO-EFFICIENT OF LINEAR EXPANSION APPARATUS

Vertical type, specially designed to measure the linear expansion of metals with the help of spherometer, provided with three test rods of different metal.



SSS-0255 NEWTON'S LAW OF COOLING

Two aluminium calorimeters are hung inside a double walled metal tank fitted with a wooden top with 2 holes for thermometers.



SSS-0256 COPPER CALORIMETER

Consists of well insulated copper vessel in outer wooden case, fitted with thermometer holder and stirrer, packed in card box.





SSS-0257 SEARLE'S THERMAL CONDUCTIVITY APPARATUS

To find co-efficient of thermal conductivity of copper, it consists of a 30cm. Long with its one end surrounded with a steam jacket for heating it from a boiler and the other end is kept cool by a steam of water flowing through a spiral tube fitted to the rod, the whole assembly is kept in a wooden case.



SSS-0259 CONDUCTIVITY APPARATUS LEE'S AND CHARLTON'S

For determining the relative conductivity of thin layers of material, consists of cylindrical slab of 11.5cm in dia and 12mm thick, a 5cm deep hollow cylinder of the same dia with inlet and outlet tubes for steam rests on this slab.



SSS-0262 CALLENDER AND BARNE'S CONTINUOUS FLOW CALORIMETER

To determine mechanical equivalent of heat, the apparatus consists of glass tube open at both ends carrying inside a spiral of wire. The inlet and outlet system are connected to glass tube trough rubber tubing and carry terminals for electrical supply.



SSS-0264 GLAZEBROOK AND SHAW'S CALORIMETER

(Regnault Calorimeter) improved pattern with water cooled jacket below the steam heater to prevent radiation.



SSS-0267 STEAM BOILER COPPER

Cylindrical body with conical top and a short neck, having an outlet tube.



SSS-0258 HOPE'S APPARATUS

Consists of a cylindrical vessel surrounded by an annular trough and two thermometer opening above and below the trough. Mixture of ice and salt is placed in the trough and temperature of water at top and bottom of cylindrical vessel is recorded.



SSS-0260 HYSOMETER COPPER

It consists of a copper boiling vessel with a steam jacket in a tube. A lid with a tube is provided which holds the thermometer under test in a cork. Supplied without cork and thermometer.



SSS-0261 BAR MAGNET

Powerful alnico alloy permanent magnet with ground surface, thickness 8x12mm, north and south poles are clearly marked.



A	B	C	D
50MM	75MM	100MM	150MM

SSS-0263 U-SHAPE MAGNET

Alnico alloy magnet, highly effective when high magnetic strength is required, permanent & powerful.



A	B	C
50MM	75MM	100MM

SSS-0265 CYLINDRICAL MAGNET

Round bar magnet with poles clearly marked.



A	B	C
50MM	75MM	100MM

SSS-0266 ELECTROMAGNET U-SHAPED

Soft iron core, wound with insulated copper wire with bare ends, working on 6 volt DC.



SSS-0268 VIBRATION MAGNETOMETER

It consists of a wooden box having a front glass door and glass on back side. It has a glass tube fitted with simple torsion head to support a strip that can hold a magnet, by means of a thread.





PHYSICS



SSS-0269 DEFLECTION MAGNETOMETER

To compare the magnetic moments of gives short magnet. It consist a compass box mounted at the centre of a wooden base about one meter long.



SSS-0270 MAGNETIC NEEDLE STAND

Consists of a brass and a pillar. The pillar carries a pin on which magnetic needle is suspended. Made form non magnetic material.



SSS-0271 DIP CIRCLE STANDARD

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



SSS-0273 SPECTRUM TUBES

Straight form with a piece of fine capillary in the middle to provided bright spectrum, total length 20cms filled with spectroscopically pure sample of gases. It is suggested that spectrum tubes be used in 30 sec. "NO" and 30 sec "OFF" cycle in order to increase life of the tube. Available in : Krypton, Helium, Neon, Hydrogen



SSS-0274 EARTH INDUCTOR

Coils of insulated copper wire is 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 fixed. Terminals for connection are fitted on the cradle.



SSS-0275 POWER SUPPLY FOR SPECTRUM TUBES

Easy to use and suitable for beginners. Operates on 220VAN 50 Hz. Tube is mounted from the font. Spring contacts are provided to ensure grip and minimize and transmission loss.



A	B	C	D
500 turns	1000 turns	2000 turns	5000 turns

SSS-0276 ELECTRIC BELL

Demonstration type, all parts easily visible, mounted vertically on sunmica board, workable on 4-6 volt DC.



SSS-0277 CATHODE RAY TUBE

Horizontal tube fitted with flourescent painted aluminium plate, the cathode side of plate is bent at right angle and provided with a slit.



SSS-0278 MAGNETIC COMPASS

Highly magnetised needle in aluminium body with glass top. Dial shows cardinal points. North pole of the needle is colored red.



SSS-0279 CROOK'S RADIOMETER

A glass sphere having set of mica vanes placed on a vertical spindle, 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.



SSS-0280 INDUCTION COIL

In cabinet polish wooden box, coils are made from best quality enamelled copper wire and paraffin insulation is provided throughout. Fitted with metal contact with removable spark discharger.



SSS-0281 SOLAR FAN



A	B	C	D	E	F	G
10mm	15mm	20mm	25mm	50mm	75mm	100mm



PHYSICS



SSS-0282 SOLAR PUMP



SSS-0283 SOLAR WATER HEATER



SSS-0284 WIND MILL



AEI-SEK-685 SOLAR ENERGY KIT



SSS-0286 SOLAR COOKER WOODEN



SSS-0287 BIO GAS PLANT



SSS-0288 SPACE SHUTTLE MODEL



SSS-0289 BLAST FURNACE MODEL



SSS-0290 TUNING FORK WELCH TYPE C.I.

Due to large cross sectional area these forks have better accuracy stability and duration o frequency. Supplied in velvet box. Set of 8, frequencies 256 to 512



SSS-0291 POISSON'S RATIO OF RUBBER APPARATUS

To find relationship between longitudinal strain and lateral stain in case of rubber tube. Consists of a cycle rubber tube of about one meter length with a small pointer, fitted on a heavy cast iron stand.



SSS-0292 POISEUILLE'S VISCOSITY APPARATUS

With the help of this app. One can find the coefficient of viscosity of water by nothing its flow through a capillary tube of uniform bore.

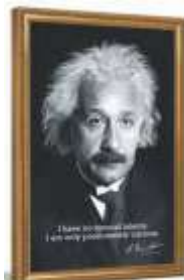


SSS-0293 SONOMETER

Consists of a wooden box one meter long with meter scale on both edges of box, provided with two wooden riders and 3 different wires each 100cm long attached to a fixed bridge.



SSS-0294 LAMINATED PORTRAIT OF SCIENTISTS



SSS-0295 NEWTON'S LOW OF COOLING UNIVERSITY PATTERN

Set of two units, each with double walled jointless brass vessel and a non-conducting cover. A copper calorimeter 3"x2" hangs inside the brass vessel. The two vessels are joined by metallic tubes and rubber coils.





CHEMISTRY



SSS-0296 GANONG POTOMETER

Simple type, borosilicate glass parts and stand.



SSS-0297 FARMERS POTOMETER

Simple glass bottle and borosilicate glass fittings.



SSS-0298 SIMPLE POTOMETER

To demonstrate suction due to transpiration, having a graduated capillary tube with cylindrical funnel shaped top.



SSS-0299 RESPIROMETER

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



SSS-0300 OSMOTIC PRESSURE APPARATUS

For determination of Osmotic pressure complete with simple glass jar



SSS-0301 T.A. APPARATUS

For determining the rate of absorption of water by transpiring plants under varying circumstances.



SSS-0302 KUHNE'S FERMENTATION VESSEL

Made from borosilicate glass, fitted on a plastic stand.



SSS-0303 TRANSPIRATION APP.

Apparatus for determination of quantity of water absorbed and given off by transpiring plants.



SSS-0304 WILLMOTH BUBBLER

Borosilicate glass parts and soda glass bottle.



SSS-0305 DEFLAGRATING SPOON



SSS-0306 ROOT PRESSURE APP.

T-tube with stop cock and graduated cylinder.



SSS-0307 GANONG LIGHT SCREEN

Made of brass sheet.





CHEMISTRY

SSS-0308 CRUCIBLE TONG

Iron C.P.

A	B
6"	8"



SSS-0309 SPATULA STAINLESS STEEL

Flat at one end and spoon at other end.



SSS-0310 WIRE GAUGE

6"x6" with asbestos coating in centre.



SSS-0311 WATCH GLASS

A	B	C
50mm	75mm	100mm



SSS-0312 PLATINUM LOOP WITH WIRE

school type in test tube.



SSS-0313 WATER BATH

Concentric rings, copper die pressed and polished hemispherical type with handle.



SSS-0314 TEST TUBE BRUSH



SSS-0315 SPIRIT LEVEL

With sunmica top 6" wooden.



SSS-0316 pH PAPER

Each packet consists of 10 books of 50 leaves each.



SSS-0317 LITMUS PAPER RED / BLUE

Each packet consists of 10 books of 50 leaves each.



SSS-0318 TEST TUBE STAND WOODEN



SSS-0319 TEST TUBE HOLDER

Flat form with wooden handle.



SSS-0320 FILTER PAPER ROUND



SSS-0321 RUBBER TUBING

Suitable for general laboratory use, soft and strong coil of 10 meters tubing.



SSS-0322 PIPETTE BULB

A	B	C
Small	Medium	Large



SSS-0323 PLASTIC CELL HOLDER BOX

A	Two Cells
B	Four Cells



SSS-0324 TEST TUBE STAND METAL

Available in aluminum & stainless steel (SS)



SSS-0325 SPIRIT LAMP ALUMINUM

Die pressed 4 oz.





CHEMISTRY



SSS-0326 GAS TAPS

Brass C.P. Leak proof, packed in card box.

A	B	C	D
One way	Two way	Three way	Four way



SSS-0327 CORK BORER GERMAN PATTERN

With handle brass C.P.

A	B	C
Set of 3	Set of 6	Set of 12



SSS-0328 WATER TAP

Swan neck type bras metal C.P. leak proof.

A	B	C
One way	Two way	Three way



SSS-0329 BURETTE CLAMP FISHER TYPE

Made form thick steel die pressed, powder coated, staple grey finish.



SSS-0330 THREE FINGER CLAMP

Made form aluminium, staple colour, iron rod, finger covered with rubber tubing with iron boss head.



SSS-0331 RETORT STAND SHEET METAL

Thick iron sheet 12 SWG, die pressed base and thick rod, powder coated staple colour, having wire for extra tightening of rod.



SSS-0332 TRIPOD STAND

Duco painted triangular top and zinc plated rods with plastic feet.



SSS-0333 CHEMICAL THERMOMETER

Made form yellow or while capacity tube, mercury filled by head process, calibrated under controlled conditions, approx. 12 inches long and 7-8 mm thick.



SSS-0334 WALL THERMOMETER DEMONSTRATION

Mounted on a wooden plank and filled with red spirit.



SSS-0335 DRY-WET THERMOMETER

Moulded body, superior quality packed in printed duplex box, humidity chart on centigrade & fahrenheit included.



SSS-0336 MAXIMUM & MINIMUM THERMOMETER

Mounted on plastic body, temperature range -30°C to 50°C, calibrated in C & F, magnet contained on special holder for ease in operation.



SSS-0337 CLINICAL THERMOMETER (C&F)



SSS-0338 DIAL TYPE THERMOMETER

Made in plastic moulded body, diameter of scale is 75mm.



SSS-0339 LACTOMETER REGULAR QUALITY

Black base, shot & Wax poised, adjusted for use at 84°F.



SSS-0340 URINOMETER REGULAR QUALITY

Black base, Short & Wax poised, adjusted for used at 20°C.





SSS-0341 DENSITY HYDROMETER

ISI marked, Shot & Wax poised, adjusted for use at 15°C M-50 SP, maximum length 270 mm accuracy ±0.0002. Any range from 0.650 - 0.700 Sp. Gr. To 0.950 - 1.000 Sp. Gr. Available.



SSS-0342 BEAUMES HYDROMETER

Short & Wax poised, adjusted for use at 20°C. Any range from 0.00 - 10.0° Be to 40.0 - 60.0° be available. In card box.



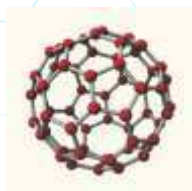
SSS-0343 HYDROCARBON CLASSIFICATION MODEL

- a) Methane
- b) Ethane
- c) Propane
- d) Butane
- e) Iso-butano
- f) N-pentane
- g) Iso pentane
- h) Neo pentane
- i) Ethene
- j) Ethylene



SSS-0344 MOLECULES MODEL SET OF 5

1. Water
2. Ammonia
3. Chlorine
4. Phosphrous
5. Sulphur



SSS-0345 CRUCIBLE WITH LID

Tall font with lid, glazed inside and outside except for bottom surface and rim.



SSS-0346 CHINA DISH

Superior quality, round from with lip, glazed both inside and outside.



SSS-0347 BEEHIVE SHELF

All glazed except bottom and top rim. Size 3"



SSS-0348 PESTLE & MORTAR

Mortal with lip, glazed outside except bottom and unglazed inside, pestle unglazed at grinding surface and oversized size comfort for hand comfort in grinding.



SSS-0349 BUCHNER FUNNEL

With thin stem, fixed perforated plate, glazed inside and outside except for rim



SSS-0350 CLAY PIPE TRIANGULAR

With wire and unglazed pipes. 3"

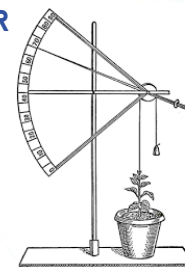


SSS-0351 KLIPOS

With new clock movement having start and stop system, fitted on heavy cast iron base, a plant carrying cup is also provided.



SSS-0352 ARC INDICATOR



SSS-0353 BUNSEN BURNER MANSFIELD TYPE

Fitted on nicely duco painted heavy cast iron base provided with threaded air regulator and collar, packed individually in printed duplex box.



SSS-0354 MEKER BURNER

Brass lacquered with ceramic grid cap to provided a wide flame.



SSS-0355 CENTRIFUGAL MACHINE

Hand operated, metal parts with clamp, aluminium body, superior quality with plastic tubes



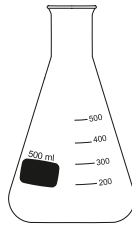


GLASSWARE



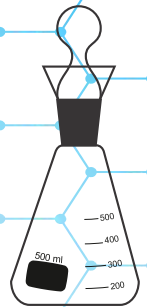
SSS-0356 ERLNMEYER/CONICAL, FLASKS

A	B	C	D
25ml	50ml	100ml	150ml
E	F	G	H
250ml	500ml	1000ml	2000ml



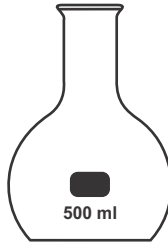
SSS-0357 FLASKS, IODINE

A	B	C
100ml	250ml	500ml



SSS-0358 FLASK FLAT BOTTOM

A	B	C	D
25ml	50ml	100ml	150ml
E	F	G	H
250ml	500ml	1000ml	2000ml



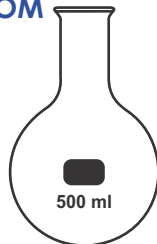
SSS-0359 FLASKS, DISTILLATION, WITH SLIDE TUBE

A	B	C	D
100ml	250ml	500ml	1000ml



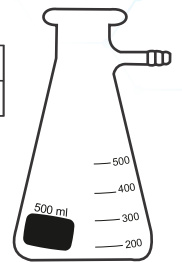
SSS-0360 FLASK BOILING ROUND BOTTOM

A	B	C	D
25ml	50ml	100ml	150ml
E	F	G	H
250ml	500ml	1000ml	2000ml



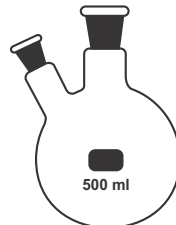
SSS-0361 FLASKS, BUCKNER FILTRATION BOLT NECK

A	B	C	D
100ml	250ml	500ml	1000ml



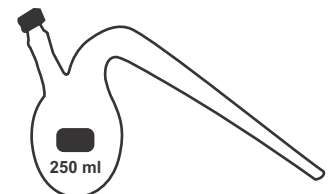
SSS-0362 FLASKS ROUND BOTTOM, TWO NECK

A	B	C	D
100ml	250ml	500ml	1000ml



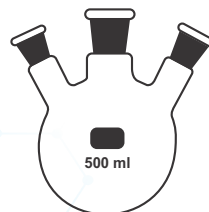
SSS-0363 RETORT STOPPERED

A
250ml



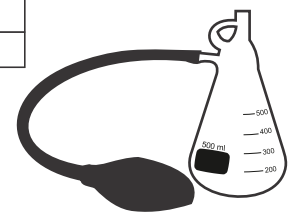
SSS-0364 FLASKS ROUND BOTTOM, THREE NECK

A	B	C	D
100ml	250ml	500ml	1000ml



SSS-0365 CHROMATOGRAPHY SPRAYERS

A	B	C
100ml	150ml	250ml



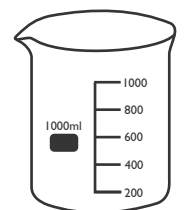
SSS-0366 FLASKS, KJELDAHL JOINTED

A	B	C	D
100ml	300ml	500ml	800ml



SSS-0367 BEAKER, LOW FORM WITH GRADUATION

A	B	C	D
25ml	50ml	100ml	150ml
E	F	G	H
250ml	500ml	1000ml	2000ml



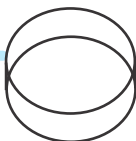


GLASSWARE



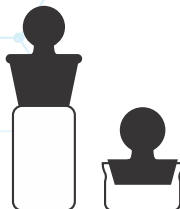
SSS-0368 PETRI DISH

A	B	C	D
50mm	80mm	100mm	150mm



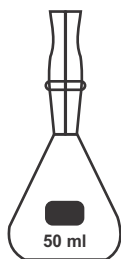
SSS-0370 WEIGHING BOTTLES, GROUND IN STOPPER

A	B	C	D
5ml	10ml	15ml	30ml



SSS-0372 DENSITY BOTTLE

A	B	C	D
10ml	25ml	50ml	100ml



SSS-0374 WOUFF BOTTLE TWO NECK

A	B	C
250ml	500ml	1000ml



SSS-0376 DROPPING BOTTLES

A	B	C	D
30ml	60ml	125ml	250ml



SSS-0378 REGENT BOTTLE, PLAIN NARROW MOUTH

A	B	C	D
100ml	250ml	500ml	1000ml



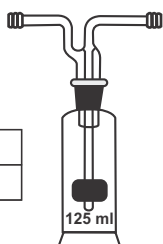
SSS-0380 B.O.D. BOTTLE, WITH INTERCHANGEABLE STOPPER

A	B	C	D
60ml	125ml	300ml	500ml



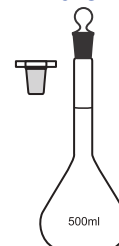
SSS-0382 DRESCHEL/GAS WASHING BOTTLE

A	B	C
125ml	250ml	500ml



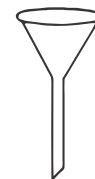
SSS-0368 VOLUMETRIC FLASK WITH ONE GRADUATION MARK & PP ALONG WITH PENNY HEAD STOPPER

A	B	C	D
25ml	50ml	100ml	150ml
E	F	G	H
250ml	500ml	1000ml	2000ml



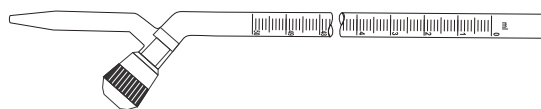
SSS-0371 FUNNEL FILTERING, 60° ANGLE WITH STEM

A	B	C	D
50mm	80mm	100mm	150mm



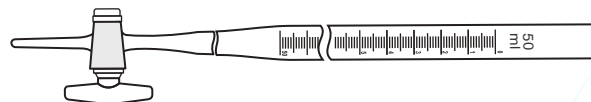
SSS-0373 BURETTE WITH PTFE ROTAFLOW STOPCOCK (FULL-TEFLON)

A	B	C	D
10ml	25ml	50ml	100ml



SSS-0375 BURETTE WITH STRAIGHT BORE GLASS KEY STOPCOCK

A	B	C	D
10ml	25ml	50ml	100ml



SSS-0377 PIPETTE VOLUMETRIC, WITH ONE MARK, AMBER PRINT AND MACHINE JET

A	B	C	D
10ml	25ml	50ml	100ml



SSS-0379 GRADUATED PIPETTES, SEROLOGICAL, MACHINE JET

A	B	C	D
5ml	10ml	20ml	25ml



SSS-0381 CENTRIFUGE TUBE, CONICAL BOTTOM, GRADUATED

A	B	C	D
5ml	15ml	25ml	50ml



✉ saraswatiscientificsurgicals@gmail.com

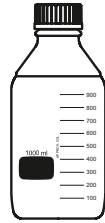


GLASSWARE



SSS-0383 REGENT BOTTLE, SCREW CAP

A	B	C	D
30ml	60ml	100ml	150ml
E	F	G	H
250ml	500ml	1000ml	2000ml



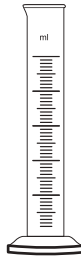
SSS-0384 AIR CONDENSERS

A	B	C	D
200mm	250mm	400mm	500mm



SSS-0385 MEASURING CYLINDER, WITH SPOUT & ROUND BASE

A	B	C	D
10ml	25ml	50ml	100ml
E	F	G	H
250ml	500ml	1000ml	2000ml



SSS-0386 LIEBIG CONDENSERS

A	B	C	D
200	400	500	600



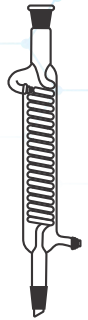
SSS-0388 NESSLER CYLINDER, FOR COLOUR COMPARISON CLASS B GRADUATED

A	B
50ml	100ml



SSS-0387 COIL CONDENSERS, GRAHAM, COILED DISTILLATE TYPE

A	B	C	D
300	400	500	600



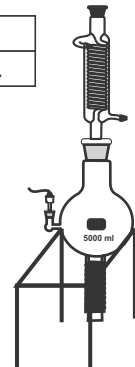
SSS-0390 TEST TUBES, ROUND BOTTOM, WITH RIM, PLAIN

A	B	C	D
10ml	25ml	50ml	75ml



SSS-0389 DISTILLATION APPARATUS SINGLE & DOUBLE STAGE, BOROSILICATE

A	B	C
3 Ltr.	5 Ltr.	10 Ltr.

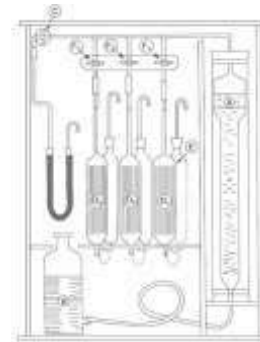


SSS-0392 THIELE MELTING POINT TUBE

A	B	C
18x150mm	22x150mm	25x150mm



SSS-0391 ORSAT APPARATUS



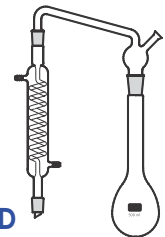
SSS-0393 BLOOD SUGAR TUBE WITH FOLIN WU MARKET

A	B
20x200mm	25x200mm



SSS-0394 DISTILLATION APP., CONSISTS OF R.B. FLASK RECOVERY BEND

A	B	C	D
250ml	500ml	1000ml	2000ml



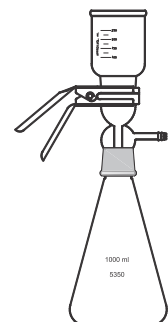
SSS-0395 SEPARATING FUNNELS, WITH SCREW-TYPE GLASS STOPCOCK & POLYTHENE STOPPER, SQUIBB SHAPE

A	B	C	D
60ml	250ml	500ml	1000ml



SSS-0396 FUNNEL FILTRATION SYSTEM

A	B	C
500ml	1000ml	2000ml





SSS-0397 JUNIOR MATHS LAB KIT

1. Geometrical Shapes 4x7cms (Set of 20) Coloured
2. Geometry Box-Canvas Bag
3. Measuring Tape-3 mtrs.
4. Measuring Jugs & Beakers (Plastic)
5. Wall Thermometer
6. Spring Balance
7. Weight Set (Metal)
8. Kitchen Balance (Plastic)
9. Geo Board-Square (Wooden)
10. Transparent Geo Board (Plastic)
11. Counting Abacus (Wooden)
12. Student Abacus (Wooden)
13. Dummy Wooden Clock (Wooden)
14. Game of Place Value (Wooden)
15. Chart (Set of 6) 50x75cms Laminated
16. Graph Roll-up Chart 67x100cms
17. Meter Scale-Wooden
18. Half-Meter Scale-Wooden
19. Shape Sorter Moulds (Plastic)
20. Dice (Set of 2)
21. Playing Cards (Plastic)
22. Set of Cups (Plastic)
23. Stencil Set (Set of 5)
24. Time Teaching Stamps (Set of 15)
25. Dummy Currency Notes
26. Dummy Currency Coins
27. Shapes magic (Wooden)
28. Standard Time Indicator
29. Add & Count Rods (Wooden)
30. Tangram Puzzle (Acrylic)
31. Flash Cards
32. Fractions of Circle (Wooden)
33. Factions fo Square (Wooden)
34. Fractions of Triangle (Wooden)
35. Shapes Board-Big (Wooden)



SSS-0398 SENIOR MATHS LAB KIT

1. Geo Board-Circle (Wooden)
2. Circle Fraction Disk
3. Set of Cups (Volumetric) (Plastic)
4. Mensuration Kit (Acrylic & Wooden)
5. Charts (Set of 16) 50x75cms Laminated
6. Optical Square (Metal)
7. Cross Staff (Metal)
8. Standard Time Indicator
9. Measuring Tape-15 mtrs.
10. Geometry Box-Canvas Bag
11. Geometrical Shapes 5x10cms (Coloured) Set of 12
12. Geometrical Shapes 10x15cm (coloured) Set of 12
13. Volume Relationship Set (Crystal Plastic)
14. Measuring Jugs & Beakers (Plastic)
15. Probability Kit
16. Geometry Kit (Acrylic)
17. Magnetic Graph Co-ordinate Board with Marker (Acrylic)
18. Power of Two
19. Perpendicular Line Segment is the Shortest (Acrylic)
20. Triangle Kit (Acrylic)
21. Ratio of Area of Similar Triangles (Acrylic)
22. Identity Set-1 (Acrylic)
23. Identity Set-11 (Acrylic)
24. Identity Set-111 (Acrylic)
25. Ranging Rod (2 Pcs.) (Metal)
26. Cylinder cut in 8 parts (Wooden)





MATH



SSS-0399 ADVANCED MATHS LAB KIT

FIELD OBSERVATION EQUIPMENT

1. Solar Rod (One) Metal
2. Ranging Rode (2 Pcs.) Metal
3. Tripod Stand for Ranging Rod (Metal)
4. Measuring Tape-15 mtrs.
5. Plum Bob (Metal)
6. Optical Square (Metal)
7. Cross Staff (Metal)
8. Theodolite Model (Metal)

OFFICE WORKING EQUIPMENT

9. Magnetic Graph Co-ordinate Board with Maker (Acrylic)
10. Vernier Calliper (Metal)
11. Screw Gauge (Metal)
12. Geometry Box-Canvas Bag
13. Law of Equilibrium Forces
14. Geo Board-Square (Wooden)
15. Geo Board-Circle (Wooden)
16. Graph Roll-up Chart 100x135cms (2 pcs.)
17. Kitchen Balance (Plastic)
18. Measuring Jugs & Beakers (Plastic)
19. Set of Cups (Volumetric) (Plastic)
20. Spring Balance

LABORATORY MODELS

21. Model of Inverse Ratio (Metal)
22. Geometrical Shapes 15x30cms (Coloured) Set of 12
23. Stop Watch
24. Pendulum Set (Metal)
25. Volume Relationship Set (Crystal Plastic)
26. Transparent Geometrical Shapes (Set of 10)
27. Conic Section (Set of 4) Wooden
28. Meter Scale-Wooden

CREATIVITY AND CRAFT WORK TOOLS

29. Identity Set-I (Acrylic)
30. Identity Set-II (Acrylic)
31. Identity Set-III (Wooden)
32. Mensuration Kit (Acrylic & Wooden)
33. Circle Fraction Disk
34. Cylinder 8 Parts (Wooden)
35. Perpendicular Line Segment is the Shortest (Acrylic)
36. Octant 3-D (Acrylic)
37. Teacher Abacus (Wooden)
38. Geometry Kit (Acrylic)
39. Fraction of Circle (Wooden)
40. Fraction of Square (Wooden)
41. Fraction of Triangle (Wooden)
42. Triangle Kit (Acrylic)
43. Ration of Area of Similar Triangles (Acrylic)
44. Probability Kit
45. Raw Material





SSS-0400 GEO BOAR SQUARE (WOODEN)



SSS-0401 GEO BOARD CIRCLE (WOODEN)



SSS-0402 GEO BOARD (PLASTIC)



SSS-0403 GEOMETRY BOX (PLASTIC)



ASSS-0404 GEOMETRICAL SOLIDS (WOODEN)

Set of 12 three dimensional wooden shapes.



SSS-0405 TRANSPARENT GEOMETRICAL SHAPES (Set of 10) ACRYLIC

Geometrical shapes to show: Inner Area, Slant Height & Vertical Height



SSS-0406 POLYHEDRON & THEIR NETS (Set of 11) ACRYLIC



SSS-0407 CONIC SECTION (Wooden)



SSS-0408 CYLINDER CUT IN 8 PARTS (Wooden)



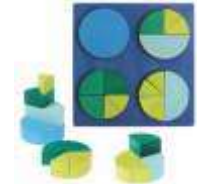
SSS-0409 DERIVATION OF VALUE OF PIE : (Wooden)



SSS-0410 CIRCLE FRACTION DISK



SSS-0411 FRACTIONS OF CIRCLE (Wooden)



SSS-0412 FRACTIONS OF SQUARE (Wooden)



SSS-0413 FRACTIONS OF TRIANGLE (Wooden)



SSS-0414 ADD & COUNT RODS (Wooden)



SSS-0415 COUNT & MATCH (Wooden)



SSS-0416 PICTORIAL NUMBERS (Wooden)



SSS-0417 NUMBERS FLASH CARDS (1-20)



SSS-0418 SHAPES BOARD (Big) Wooden



SSS-0419 SHAPES MAGIC (Wooden)





MATH

SSS-0420 STENCIL SET (Plastic) (Set of 5 Stencil)



SSS-0421 SHAPES SORTER MOULDS (Plastic)



SSS-0422 TANGRAM PUZZLE (Acrylic)



SSS-0423 TIME TEACHING STAMPS (Wooden-Rubber) (Set of 15)



SSS-0424 STANDARD TIME INDICATOR (Metal)



SSS-0425 VOLUME RELATIONSHIP SET (Crystal Plastic)

Hemi-Sphere Sphere
Cone 2 Cylinders
Cube Frustum



SSS-0426 VOLUME MEASURING HOLLOW SHAPES (Set of 4) (Plastic)



SSS-0427 DRAWING INSTRUMENTS SET



SSS-0428 PROBABILITY KIT COMPLETE

- A Dice - Set of 2 Pcs.
- B Playing Cards (Plastic)
- C Set of Pearls : Set of 400 Marbles



SSS-0429 DUMMY CURRENCY NOTES



SSS-0430 DUMMY CURRENCY COINS (Plastic)

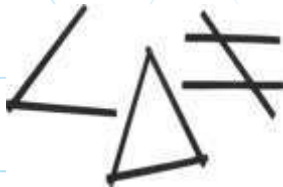


SSS-0431 DUMMY CHEQUE BOOK & DUMMY PAY-IN-BANK SLIP



SSS-0432 GEOMETRY KIT (Acrylic)

An all in one kit for teaching entire geometrical concepts & shapes.

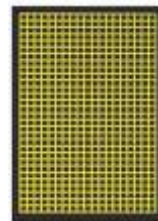


SSS-0433 PERPENDICULAR LINE SEGMENT IS THE SHORTEST (Acrylic)

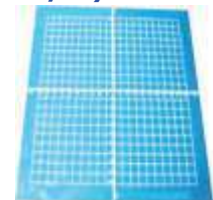


SSS-0434 GRAPH ROLL UP CHART

- A 67 X 100cms
- B 100 x 135cms

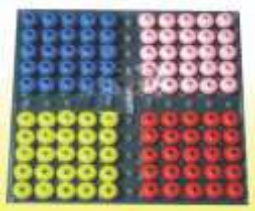


SSS-0435 MAGNETIC GRAPH CO-ORDINATE BOARD WITH MARKER PEN (Acrylic)



SSS-0436 POWER 2 (POWER OF TWO) (Plastic)

To understand the concept of square number. It can also be used to learn cartesian co-ordinates.



SSS-0437 CONSTRUCTION OF PARABOLA (Wooden)



SSS-0438 PYTHAGORAS THEOREM (Acrylic)



SSS-0439 WORKING MODEL OF PYTHAGORAS THEOREM (Wooden)





MATH



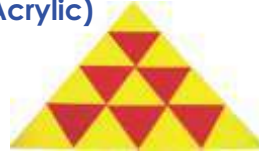
SSS-0440
CUBES (Plastic)



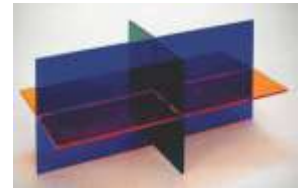
SSS-0441
TRIANGLE KIT
(Group Activity
Set of 5 kits) Acrylic



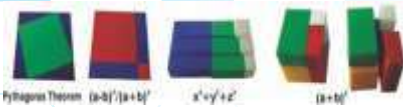
SSS-0442
RATIO OF AREA OF
SIMILAR TRIANGLES
(Acrylic)



SSS-0443
OCTANT-3D (Acrylic)



SSS-0444 IDENTITY SET-I
(Acrylic)



SSS-0445 IDENTITY SET-II
(Acrylic)



SSS-0446 IDENTITY SET-III (Wooden)



SSS-0447
MENSURATION KIT
(Acrylic)



SSS-0448
SKIP COUNTING
GAME



SSS-0449
PATTERN TRIANGLES



SSS-0450 JUNIOR
PYTHAGORAS



SSS-0451
SENIOR PYTHAGORAS



SSS-0452
RAIN GAUGE
BRASS



SSS-0453
RING OF THEOREM



SSS-0454
HOLLOW SPHERE



SSS-0455
HOLLOW CYLINDER



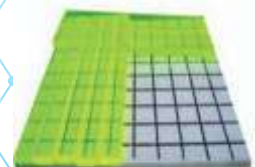
SSS-0456
COMBINATION OF
CUBE & SPHERE



SSS-0457
CLINOMETER COMPASS



SSS-0458
DECIMAL PLATE

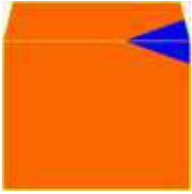


✉ saraswatiscientificsurgicals@gmail.com



MATH

SSS-0459 FORMATION OF TETRAHEDRON



SSS-0460 CUSINAIRE STRIPS



SSS-0461 PARALLELOGRAM KIT



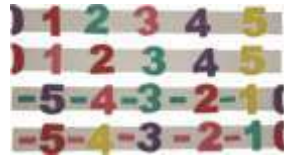
SSS-0462 BASE & PLACE VALUE KIT



SSS-0463 ROMAN NUMBER KIT



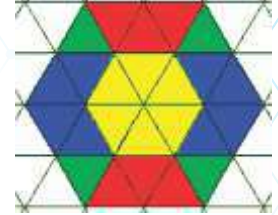
SSS-0464 INTEGER NUMBER LINE BAR



SSS-0465 METRIC WHEEL



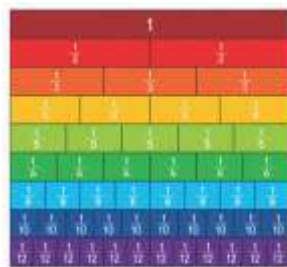
SSS-0466 COUNT YOUR OWN DESIGNER FRACTIONS



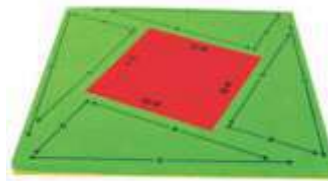
SSS-0467 TIME & WORK KIT



SSS-0468 FRACTION BAR



SSS-0469 PYTHAGORAS THEOREM REVERSE METHOD



SSS-0470 3D-PAPER NETS



SSS-0471 GEO BOARD PIN TYPE



SSS-0472 DOUBLE SIDE GEO BOARD



SSS-0473 TRIGONOMETRY BOARD



SSS-0474 X-Y AXIS CO-ORDINATE BOARD



SSS-0475 MULTI LINKING CUBES



SSS-0476 JODO BLOCKS (100 Pcs.)



SSS-0477 FOUR LINE ABACUS



SSS-0478 STUDENT ABACUS 17 RODS





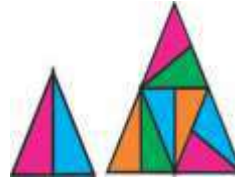
SSS-0479 SIT & SET



**SSS-0480
MAGNETIC
COUNTER (Set of
48 in two colours)**



**SSS-0481
TRIANGLE & ITS PARTS**



**SSS-0482
CIRCLE KIT**



**SSS-0483
FIBRE DUMMY CLOCK**



**SSS-0484
PALM CLOCK**



**SSS-0485
SHAPES 2-DIMENSIONAL**



**SSS-0486
SHAPES STAMPS
(Set of 10)**



**SSS-0487
DUMMY CLOCK (WOODEN)**



**SSS-0488
CONSTRUCT-A CLOCK (WOODEN)**

Student can pull out the numbers and fix back to learn counting, shapes and time.



**SSS-0489
COUNTING ABACUS (1-10)
(WOODEN)
COUNTING ABACUS (10-10)
(WOODEN)**



**SSS-0490
TEACHER ABACUS
(WOODEN)**



**SSS-0491
STUDENT ABACUS
(WOODEN)**



**SSS-0492
GEARED TEACHER CLOCK**



**SSS-0493
TRUNDLE WHEEL**



**SSS-0494
GAME OF PLACE VALUE
(WOODEN)**



**SSS-0495
NUMBER PLANET**



**SSS-0496
BEAR BALANCE**



**SSS-0497
VERTEX WONDER**





MATH



SSS-0498 PENTOMINOES



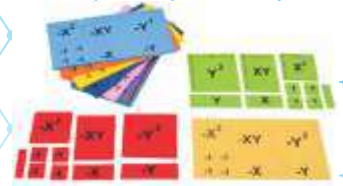
SSS-0499 1cm INTERLOCKING C



SSS-0500 ALGEBRA TILES



SSS-0501 ALGEBRA KIT



SSS-0502 FLIP & FRACTION GEOBOARD (with Circle cut outs)



SSS-0503 BASE TEN STAMP SET



SSS-0504 METER SCALE-FOLDING



SSS-0505 MEASURING TAPE 60"



SSS-0506 SET THEORY BY VENN DIAGRAM



SSS-0507 CONIC SECTION WITH STANDARD EQUATION



SSS-0508 CLASSROOM BASE TEN BLOCKS



SSS-0509 3D SOLID 5 cms (Set of 12) 3D SOLID 10 cms (Set of 12)



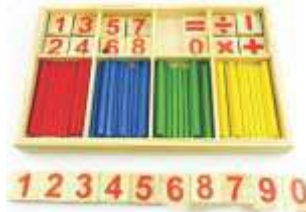
SSS-0510 3D SOLID 5 CMS OPAQUE (Set of 12)



SSS-0511 BOARD GAMES (Set of 7)



SSS-0512 INTELLIGENCE STICK GAME



SSS-0513 ORAL TANGRAM



SSS-0514 ATTRIBUTE BLOCKS



SSS-0515 MAGNETIC NUMBERS MAGNETIC ALPHABET



SSS-0516 MATH MAT (10/10) MATH MAT (5/5)



SSS-0517 DATA COLLECTION BOARD WITH DATA CUBES





SSS-0518 SLIDE PROJECTOR

Aluminium moulded compact body fitted with heavy transformer, 24volts 150watt halogen lamp, on on/off switch, blower cooler with 2"x2" slide carrier and focus tube, packed in sturdy case for storage and safety in transportation.



SSS-0520 OVER HEAD PROJECTOR

A moden, compact, light weight and sturdy model with clear aperture 240x240mm, provided with 24volt 250watt halogen lamp with heavy transformer, focussing by rack & pinion, cooling fan, folding projection arm, rotating projection head 360°, high oprics, superior fresnel lens, efficient light intensity dim/bright switch, packed in thermocole case with card box.



SSS-0519 OVER HEAD PROJECTOR DELUXE MODEL

Trouble free performance, economically priced. Working stage 285x285 mm folding arm and head for easy storage anti glare Fresnel lens External color fringe control twin halogen lamp 24V-250 Watt Tilt angle 0-60° head rotation 360° safely cut off switch approx. 2500 output lumens. Packed in thermocole, supplied in outer sturdy corrugated box for safe transportation.



SSS-0521 PROJECTION SCREEN

Simple, map type made of show white synthetic cloth rolled on two fixed metal tubes.

A	90 x 120cm
B	130 x 175cm



SSS-0522 PROJECTION SCREEN

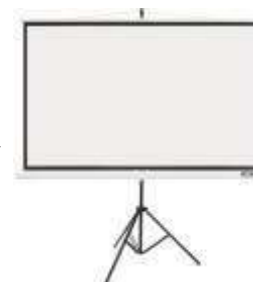
Wall mounting type automatic spring action. It can roll automatically with the help of spring.

A	90 x 120cm
B	130 x 175cm



SSS-0523 PROJECTION SCREEN

150cm x 150xm portable, spring action type, ideal for classroom and conference room. Superior image resolution and accurate color reproduction, high grain with a contrasting border.



SSS-0524 SLIDSCOPE

For viewig slides in available light.



SSS-0525 METALLIC AND ALLOYS SET OF 24



SSS-0526 MINERALS SET OF 30 ROCK SET OF 20



SSS-0527 METALLIC ORES SET OF 20



SSS-0528 COLLECTION OF METAMORPHIC ROCKS



SSS-0529 COLLECTION OF 10 METAL





GEOGRAPHY



SSS-0530 POLITICAL GLOBE

Political Globe with steel/unbreakable ABS plastic graduated acc. Available Language : English & Hindi. Other languages available only in 20 & 30 cms Dia. Arabic, Bengali, Gujrati, Kanada, Marathi, Oriya, Punjabi, Tamil, Telgu.



SSS-0531 ILLUMINATED GLOBE

Physical relief with light off and Physical Cum Political with light on, with unbreakable die casted steel base and arc in attractive cardboard box.



SSS-0532 ANTIQUITY GLOBE

Shows the latest political boundaries with capitals & other important cities & towns with illumination to high light the Globe & make it attractive.



SSS-0533 THE EARTH'S LAYER MODE

This model shows the layers in side the earth. It is in seven detachable parts which indicate the interior of the earth.



SSS-0534 MODEL OF EARTH INTERNAL STRUCTURE



SSS-0535 MODEL OF THE SUN



SSS-0536 VISUAL 3D MAPS

This is entirely a new concept, although done of flat PVC sheet which is unbreakable, markable and wahsable, they look like a actual '3D' map with naked eyes.



SSS-0537 WORLD PHYSICAL



SSS-0538 INDIAN SUBCONTINENT PHYSICAL



SSS-0539 OCEAN FEATURES

53 X 73 cms complete with hard backing and elegant wooden framed.



SSS-0540 WORLD RELIEF & BATHYMETRIC

We can produce any of our customer requirement in similar 3D view either it is a map or poster in any size upto 65 x 125 cms in National or Regional Language.



SSS-0541 3D LARGE SIZE MAP OF THE WORLD

Size 140 x 92 cms. This is the raised relief model map of the world showing the earth surface in relief as well as the relief of the world ocean are also to be seen. Complete with hard backing, frame with hanging hooks.

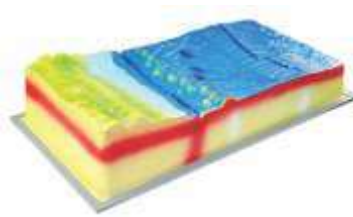




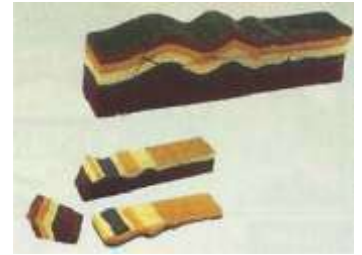
SSS-0542 MODEL OF BOARD CONFIRMATION AND THE EARTH



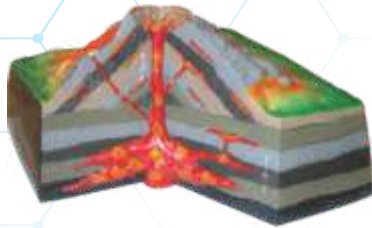
SSS-0543 MODEL OF PLATE STRUCTURE AND SURFACE MORPHOLOGY



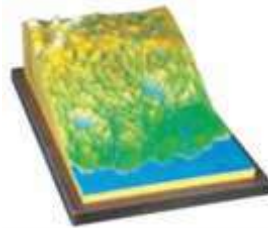
SSS-0544 FAULT BOARD MODEL



SSS-0545 MODEL OF VOLCANO



SSS-0546 MODEL OF CRUSTAL MOVEMENT



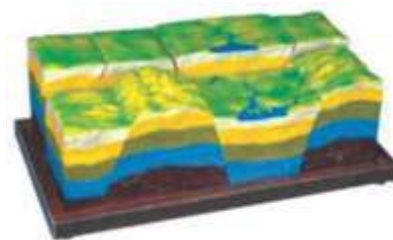
SSS-0547 MODEL OF FOLD STRUCTURE AND ITS GEOGRAPHIC EVOLUTION



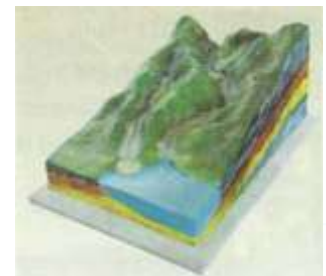
SSS-0548 MODEL OF CONTOUR MAP INTERPRETATION



SSS-0549 MODEL OF DIASTROPHISM, FRACTURE STRUCTURE AND HORST GARDEN



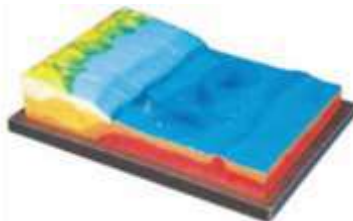
SSS-0550 MODEL OF FLUVIATION SEDIMENTATION DEMONSTRATION DEVICE



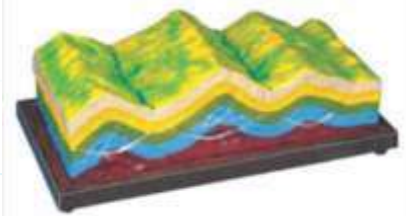
AEI-MIF-951 MODEL OF ISLAND FORMATION



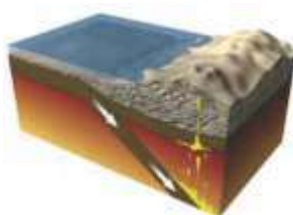
SSS-0552 MODEL OF BOTTOM CONFIGURATION



SSS-0553 FOLD STRUCTURE AND ITS GEOMORPHIC EVOLUTION MODELS



SSS-0554 GEOGRAPHICAL TERMS MODEL





GEOGRAPHY



SSS-0555 GEOGRAPHY / GEOLOGY CHARTS

1. Solar System
2. Solar, Lunar Eclipses & Tides
3. Distribution of Earth Quakes
4. Distribution of Volcanoes
5. Activity of Volcanoes
6. Rivers and their Geological Action
7. Continental Drift
8. Types of Folds
9. Attitudes assumed by an Axial Plane & an Axis of folds
10. Description of Folds
11. Structure of the Earth and Isostasy

12. Description & Classification of Faults-I
13. Description & Classification of Faults-II
14. Unconformity Structure
15. Forms of Igneous Rocks
16. Structural Features of Rocks - I
17. Structural Features of Rocks - II
18. Mountains and Mountain Building
19. Glaciers
20. Star : Life Cycle
21. Latitude & Longitude
22. Geological Time Scale
23. Atmosphere - Layers



SSS-0556 GEOLOGIST HAMMER



SSS-0557 PRISMATIC BINOCULAR

Imported very superior Mag. 20x50



SSS-0558 POCKET STEREOSCOPE

in case complete.



SSS-0559 CLINOMETER COMPASS

7.5 cm with brass sight magnetic needles mounted on jewel graduated dial with leather case full brass



SSS-0560 BRUNTON COMPASS

For topographic or preliminary survey on surface or sub-surface with leather case-do all brass very superior quality.



SSS-0561 RAIN GAUGE SELF RECORDING

Comprising of a receiver placed at the top of a sensitive dial pattern balance as illustrated.



SSS-0562 LASER DISTANCE METER (IMPORTED)

It can measure in inches/feet as well as in mts. the range is 60 mts or 197ft.



SSS-0564 BARIGO (GERMANY) ELECTRONIC ALTIMETER-BAROMETER-THERMOMETER ELECTRONIC COMPASS COMBINED



SSS-0563 MIRROR STEREOSCOPE

in wooden case complete.



SSS-0566 ROBINSON'S CUP ANEMOMETER



SSS-0565 PARALLEX BAR

for use with mirror stereoscope in box





GEOGRAPHY



SSS-0567 STEVENSON METEOROLOGICAL SCREEN WOODEN



SSS-0568 PHASE OF MOON



SSS-0569 EARTH MOVEMENT MODEL



SSS-0570 STUDENT PLANETARIUM



SSS-0571 ELECTRICAL APPARATUS DAY & NIGHT



SSS-0572 STANDARD TIME INDICATOR



SSS-0573 SOLAR SYSTEM MODEL



SSS-0574 PLANE TABLE COMPLETE



SSS-0575 ALIDADE (SIGHT VANE) BRASS



SSS-0576 MAGNETIC TROUGH COMPASS IN WOODEN CASE 15 CM



SSS-0577 OPTICAL SQUARE



SSS-0578 BRASS PLUMBOB



SSS-0579 PLUMBING FORK



SSS-0580 CROSS STAFF



SSS-0581 SURVEY CHAIN



SSS-0582 INDIAN PATTERN CLINOMETER TANGENT COMPLETE IN CASE



SSS-0583 ABNEY LEVEL WITH SLOW MOTION 5"



✉ saraswatiscientificsurgical@gmail.com



GEOGRAPHY



SSS-0584
THEODOLITE MODEL



SSS-0585
VERNIER TRANSIT THEODOLITE



SSS-0586
QUICK SETTING DUMPY LEVEL



SSS-0587
TELESCOPIC ALIDADE



SSS-0588
TRACING TABLE



SSS-0589
DRAFTING MACHINE



SSS-0590
PRISMATIC COMPASS



SSS-0591
SURVEY UMBRELLA

7' dia special quality can be inclined at any angle light in weight-all metal, cloth used in multicolours.



SSS-0592
RANGING RODS

2M with shoe, duly painted made of conduit pipe.



SSS-0593
LEVELLING STAFF ALUMINUM

Levelling staff aluminum folding type 4 meter.



SSS-0594
PLANIMETER SLIDING BAR PATTERN

For measuring areas direct from drawing and maps complete in case with instructions.



SSS-0595
FRENCH CURVES ARCHITECTURAL



SSS-0596
MINI-DRAFTING MACHINE



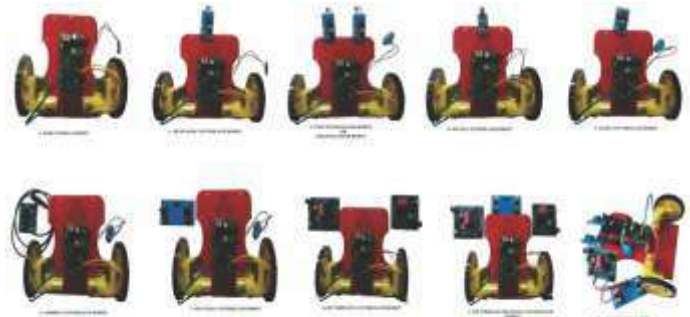
SSS-0597
ROTRING STENCIL PEN

Set of 8 complete pens with ink, compass attachment in original plastic box.





SSS-0598 NON PROGRAMMABLE 10 IN 1 ROBOTIC DIY KIT



Embedinator 10 in 1 Robots

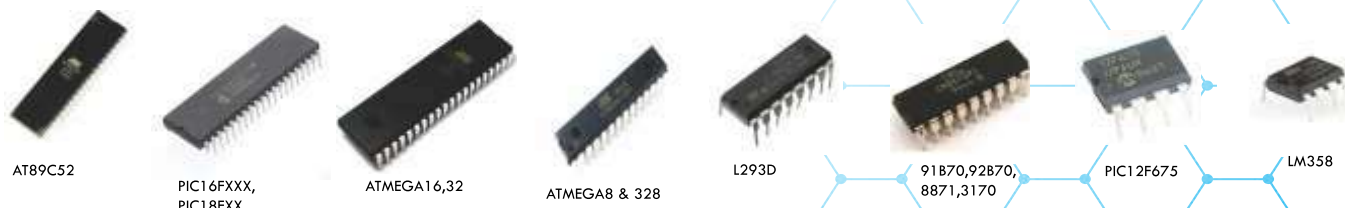
SSS-0599 MODULAR MECHANICAL KITS



SSS-0600 ELECTRONICS DEVELOPMENT & MODULES



IC'S



✉ saraswatiscientificsurgicals@gmail.com



ATL KIT



SSS-0601 DEVELOPMENTS BOARDS



SSS-0602 BOOTLOADER (WITHOUT PROGRAMMER) BOARD



SSS-0603 OPEN SOURCE BOARDS



SSS-0604 PROGRAMMERS



SSS-0605 SENSORS, INPUT & OUTPUT MODULES



L293D MODULE L293D BOARD STEPPER DRIVER MODULE L298 MODULE

SSS-0606 SENSORS, INPUT & OUTPUT MODULES



16x2 LCD Display



USB A TO B CABLE



USB MINI CABLE



7805, 7809, 7812



WATER PUMP



PIZEO DISC PLATE



BATTERY



RESISTOR PACK



CAPACITOR PACK



GPS MODULE



GSM MODULE



LASER MODULE



8X8 MATRIX MODULE



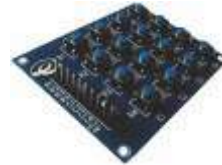
BLUETOOTH HC



7 SEGMENT MODULE



LDR MODULE



KEYPAD MODULE



JOYSTICK MODULE



5V BUZZER



12V BUZZER



L293D BOARD



VIBRATING MOTOR



ALIGRATOR CLIP



CLIP WITH DC JACK



SOUND PLAYBACK MODULE



BO MOTOR WITH WHEELS



NODE MCU



HOOKUP ROLL



JUMPER WIRES



SSS-0607 SENSORS, INPUT & OUTPUT MODULES



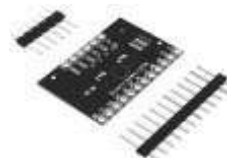
ALL TYPE OF LEDs



555 IC



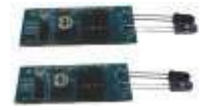
ATMEGA16 IC



MPR 121 SENSOR



TTP223 TOUCH SENSOR



IR SENSOR MODULE



DIODE PACKS



BUTTON PACKS



MAGNETOMETER



HUMIDITY SENSOR



MQ- SERIES SENSOR



TSOP 1738 SENSOR



ULTRASONIC SENSOR



ACCELEROMETER SENSOR



5V 2-CH RELAY



SOIL SENSOR



TTP-224 TOUCH SENSOR



PIR SENSOR



PULSE SENSOR



5V 1-CH RELAY



METAL TOUCH SENSOR



RAIN DROP SENSOR



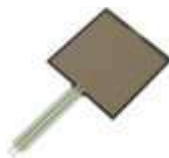
FLEX SENSOR



LM35 SENSOR



TEMP. & HUMIDITY SENSOR



FORCE SENSOR



IR ARRAYS SENSOR



RF BOARD & MODULE



COLOR SENSOR



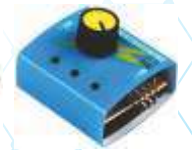
WATER FLOW SENSOR



SOUND SENSOR



L298 MODULE



SERVO TESTER



12V DC MOTOR



SERVO SG-90 MOTOR



SERVO 3003 MOTOR



COLOR SENSOR



METEL DETECTOR SENSOR



HEARTBEAT SENSOR



SERVO SG-995 MOTOR



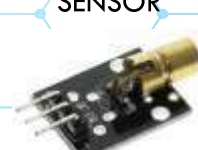
SERVO SG-95 MOTOR



BO MOTOR



PULSE SENSOR



LEASER SENSOR



TOUCH SENSOR



ATL KIT



SSS-0608 DC GEARED, BO & TOY MOTORS



DC GEARED MOTOR



DC GEARED MOTOR



BO STRIGHT MOTOR



BO L-SHAPE MOTOR



DOUBLE SHAFT MOTOR



TOY MOTOR

SSS-0609 STEPPER & SERVO MOTORS



5V STEPPER WITH DRIVER



STEPPER MOTOR



VIBRATING MOTOR

SSS-0610 WIRED & WIRELESS COMMUNICATION MODULES



BLUETOOTH HC-05



GSM 900 MODULE



GPS MODULE



RFID MODULE



ESP-8266



NODE MCU

SSS-0611 RF MODULES & BOARDS



RF 434/435 TX & RX PAIR



RF 315 TX & RX PAIR



RF RECEIVER



RF TRANSMITTER

SSS-0612 TSOP MODULE WITH REMOTE



SSS-0613 SWITCHES & KEYPAD MODULES & JOYSTICKS



4X4 SWITCH MATRIX KEYPAD



DIGITAL 2 SWITCH JOYSTICK



3 AXIS JOYSTICK



MOBILE KEYPAD DTMF MODULE

SSS-0614 BOARDS, WIRES & OTHER MORE...



840 POINT BREADBOARD



400 POINT BREADBOARD



ALL SIZE ZERO PCB



F2F, M2F, F2F WIRES



LCD DISPLAY 16X2



800 POINTS BREADBOARD



400 POINTS BREADBOARD



PROTO SHEILD FOR ARDUINO



PCB 80X55



PCB 140X90



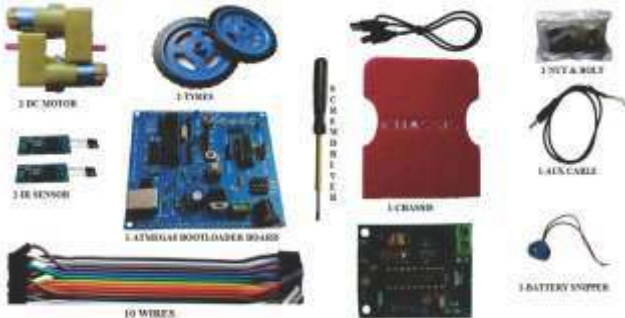
MALE & FEMALE BERG



SSS-0615 LINE FOLLOWER ROBOT V1.0



SSS-0617 ATMEGA 8 BOOTLOADER MOBILE CONTROLLED ROBOTIC DIY KIT V1.0



SSS-0619 ATMEGA8 BOOTLOADER WIRELESS REMOTE CONTROLLED ROBOTIC DIY KIT V1.0



SSS-0621 ATMEGA8 BOOTLOADER 5 IN 1 ROBOTIC KIT



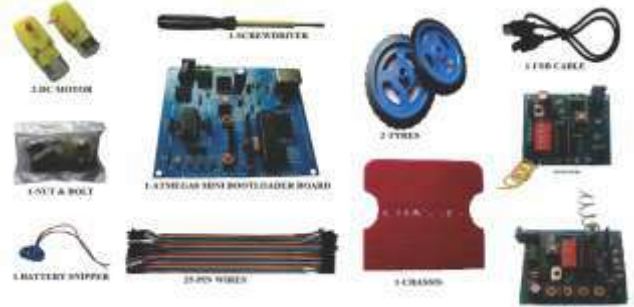
SSS-0623 MICROCHIP PIC DEVELOPMENT COMPLETE DIY KIT



SSS-0616 ATMEGA8 BOOTLOADER LINE FOLLOWER ROBOTIC DIY KIT V1.0



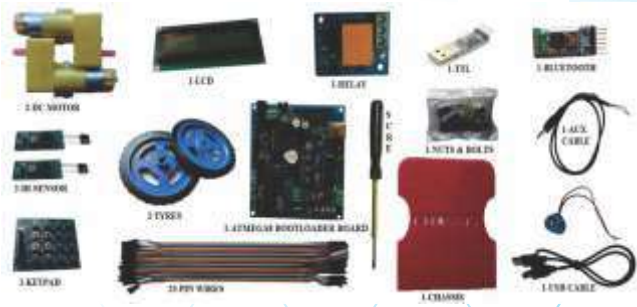
SSS-0618 ATMEGA 8 BOOTLOADER RF WIRELESS ROBOTIC DIY KIT V1.0



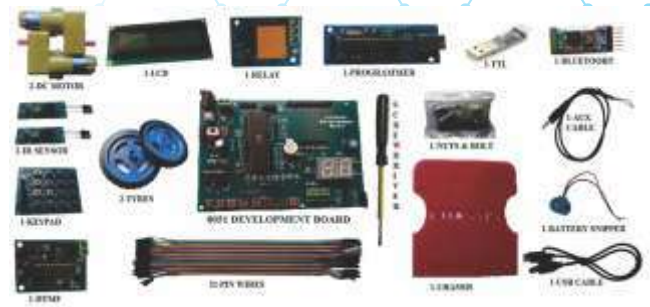
SSS-0620 10 IN 1 ATMEGA8 BOOTLOADER ROBOTIC DIY KIT



SSS-0622 ATMEGA8 BOOTLOADER DEVELOPMENT COMPLETE DIY KIT



SSS-0624 DEVELOPMENT COMPLETE DIY KIT



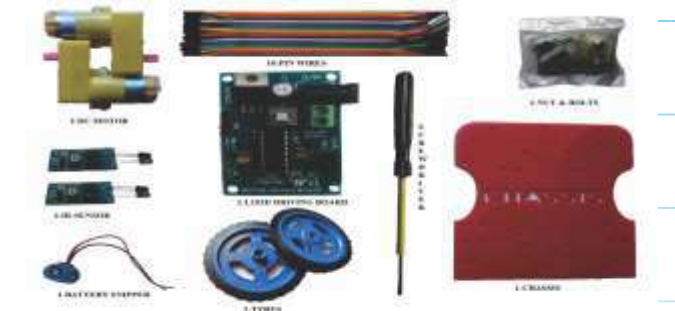


ATL KIT

SSS-0625 ATMEGA 16 DEVELOPMENT COMPLETE DIY KIT



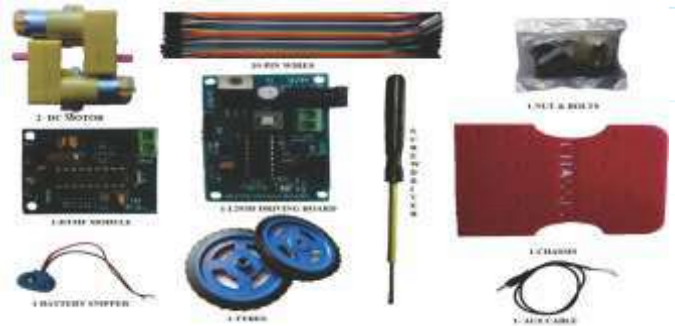
SSS-0626 NON PROGRAMMABLE LINE FOLLOWER ROBOTIC DIY KIT



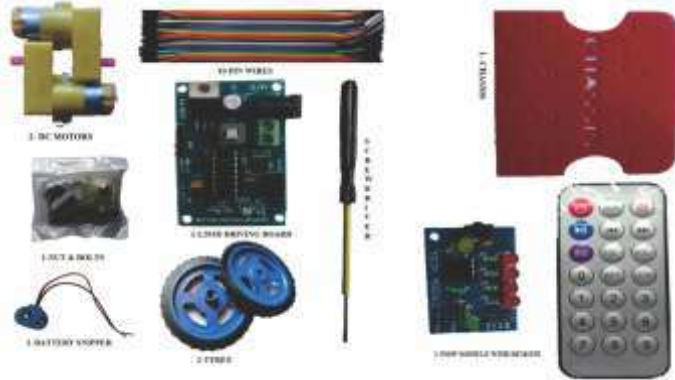
SSS-0627 NON PROGRAMMABLE LINE FOLLOWER ROBOT



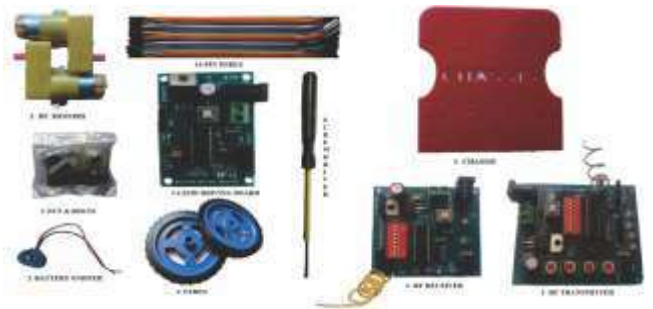
SSS-0628 NON PROGRAMMABLE MOBILE CONTROLLED ROBOTIC DIY KIT



SSS-0629 NON PROGRAMMABLE WIRELESS REMOTE CONTROLLED ROBOTIC DIY KIT



SSS-0630 NON PROGRAMMABLE RF WIRELESS ROBOTIC DIY KIT



SSS-0631 NON PROGRAMMABLE RF WIRELESS JOYSTICK ROBOTIC DIY KIT



SSS-0632 NON PROGRAMMABLE 5 IN 1 ROBOTIC DIY KIT





SMART CLASS



SSS-0633 DIGITAL PODIUM

Ajanta Digital Podium is a smart presentation device that comprehends your teaching needs & provides an interactive environment in classroom .experience its power by controlling both subject and audience together.

- 23" Full HD touch panel
- 6 Point touch IR interface
- High definition sound quality
- Central locking system
- RFID Authentication
- Integrated 5 mp visual presenter
- No calibration required



Specification

Size	26"x28"x46"
Structure	Steel body on wheels complete with 23" interactive touch monitor, visual presenter amplifier & gooseneck microphone mounted on the top speaker electric fitting & air circulating fan.
Storage	Side Drawer (made of steel with lock) for visual presenter keyboard drawer with lock multipurpose storage (Made of steel with lock) for CPU&UPS Slider (made of steel with lock) to cover 23" interactive touch screen (can be used as book rest/laptop rest)
Ports	4USB, 1 VGA IN, 1VGA out , 1HDMI IN, 1HDMI out , laptop interface , ports for additional speakers 2 power sockets, 1 audio in
Mobility	4 Wheels

Interactive Touch Monitor

Induction	Infrared, 6 Point Touch
Size	23" Diagonal (58cm)
Touch object	Finger/Dummy Pen/Any Opaque Object
Resolution	1920x 1080
Screen	HD LED IPS

PA System

Amplifier	120 watts
One Speaker	40 watt
One Gooseneck Mic	Length 23"
One Gooseneck Mic	VHF
One Collar Mic	VHF

Visual presenter

Zoom	22x optical & 10x Digital Zoom
Sensor	CMOS
Resolution	≥ 900 TV Lines
Frame Rate	30 FPS
Output Signal	XGA , SXGA, UXGA, 720P, 1080P

Locking System

Manual (Optional Central Locking System with RFID Authentication)



SMART CLASS



SSS-0634 INTERACTIVE WHITE BOARD

Think out of the box and experience collaboration in classrooms. Transform as per the evolving teaching dynamics and learners needs.

Specification

Touch Technology	Infrared (multi Touch, 10 Points)	
Input Method	Writing by Finger & Dummy Pen	
Frame material	Aluminum	
Board material	Comb Aluminum, Projection Coating	
Interface	USB 2.0, without External Power Supply	
Resolution	≥32767*32767	
Touch Accuracy	≤2mm	
Response Speed	≤6ms	
Coordinates Output	≥180 Point Per Second	
Operating System	Win XP/2003/Vista/Win 7/8/10	
Installation	Wall Mounting	
Power Consumption	≤1W (200mA at 5V)	
Working Temp	-15°C to 55°C	
Working Humidity	10% to 90%	
Accessories	Dummy pen , pointer , USB cable 7.5m, software CD , wall mount bracket with screw	
SIZE	84"	100"
Aspect Ratio	4:3	16:9



SSS-0635 INTERACTIVE FLAT DISPLAY

Flat Display is all in one solution for projector and interactive white board on which users can write, draw, annotate and save document on screen. Besides, it also has built-in sound speaker that greatly meets users' requirements.

Specification

Size	55"/65"/80"
Aspect ratio	16:9
Touch points	INFRARED (IR)
Light	LED
View angle	160°C
Response Rate	8 ms
Resolution	1920 x 1080
Contrast Ratio	Mega Contrast Ratio
Color	16.7m
Port	HDMIx2, VGAx1, PC-AUDIOx1, YPBPRx1, RFIN x1, AV-INx1 AV-IN x1 AV-OUTx2, USB x1 (movie ,image & audio)
Communication port	USB(TOUCH) x1
Brightness (Nits)	300
Power Consumption	120 W
Power Supply	AC 110V ~ 240 V, 50-60 Hz
Speaker	10W x 2





SMART CLASS



SSS-0636 SKETCHUP LECTERN

SketchUp Lectern allows for quick photo-real visualization and onboard production of video series of lectures and presentations. An exceptional smart class gadget unites traditional & digital teaching methods. This audio-visual podium is one of its kinds, which converts your pen ink into indelible digital prints. As you write with pen, sketchup lectern records your session with voice that can be saved for reuse. Also, teacher/presenter has the choice to record himself as well as audiences response to review later. Besides, you can explain & annotate 2D & 3D objects along the flow of lecture.

Specification

Body	Steel Body with Wooden Top
Rated power	60 W
Camera	8 MP/5 MP
Zoom	20x (4x Optical, 5x Digital)
Shooting Area	A3-11" x 17"
Frame rate	30 FPS
Resolution Horizontal	≥1000 TV Lines
Ports	VGA, HDMI, USB, LAN
Inputs	MIC1: -50db ± 2db/ 680 Ω MIC2 :55 DB ± 2DB/600 Ω Wireless MIC: -20DB± 2DB /5OS AUX: -20DB±2DB/10K Ω
Output	VGA : XGA , SXGA
Storage	400 Images Onboard
Features	Image Mirror, Image Split, Picture in Picture , BW/Color Positive/Negative, Brightness, Remote Control
Power consumption	100 W
Tone control	Bass: ± 10dB / Treble: ± 10dB
Range	15 to 50m
USB Player	Yes
Video recording	one Touch Onboard Recording



SSS-0637 DIGITAL TEACHING SOLUTION

Think out of the box and experience collaboration in classrooms. Transform as per the evolving teaching dynamics and learners needs.

Specification

Mount type	Wall Mount
CPU	Dual Core /13 ,2GB /4 GB RAM , 500/1TB HDD
Document camera	5 Mega Pixel
Speaker	40W PMPO Dual Speakers
Keyboard	Laptop Style Keyboard with Mouse Pad
Operation	Single Touch Power on
Front Ports	USBx 2, MIC x1 (External)
Body	Steel Body
Safety	Lockable
Interactive White Board	IN 6006 (84" / 100")
Green Board	4' x 4'
Projector	Optional





SMART CLASS



SSS-0638 VISUAL PRESENTER

Project 3D objects high output & resolution HDMI input & output 400 image storage plug & play (Video/PPT) easy image transmission independent of computer expendable memory upto 32 GB sensor 1/3" CMOS (5MP).

Specification

Zoom	12x Optical Zoom, 12x Digital Zoom
Sensor	1/3" CMOS
Frame Rate	30 fps
Output Signal	XGA, SXGA, 720p, 1080p
Horizontal Resolution	≥ 900 TV Lines
Total Pixels	5 MP
Input Ports	Video X1, HDMI, VGAX2, Audio x2, Mic
Output Ports	VGA X2, Video X1, Audio X1 HDMI
PC Connectivity	UBS
Image Storage	400 Images
Focus	Auto/Manual
Features	Image Freeze, Positive /Negative, Black & White/Color Image Split, Image split, Image Mirror, Image Rotate
External Memory	USB Disk, SD Card
Plug & Play (USB, SD)	YES (Word, PPT, EXCEL, JPG, MP3, Mp4, AVI)
Remote Control	Yes
Kensington Lock	Yes
Lighting	Arm Light x2 (LED), A4 Size Light Box (LED)



SSS-0639 PORTABLE VISUAL PRESENTER

HDMI output 400 images on board annotation one touch on board recording large operating surface area independent of computer 8MP image sensor easy image transmission color conversion.

Specification

Zoom	20x (4X Optical, 5X Digital)
Sensor	8 MP
Frame Rate	30 fps
Shooting Area	A 3-11 "x 17 "
Focus	Auto/Manual
Microphone	In Built
Resolution Horizontal	≥ 1000 TV Lines
Image Capture	400 Image on Board
Ports	VGA, HDMI, USB, LAN
Imaging Rotation	Real Time (90 , 180 , 270 Degree)
Output Signal	VGA : XGA . , SXGA HDMI : 720 P/108 P
Features	Image Mirror, Image Split, Picture In Picture, BW/Color Conversion , Positive / Negative Conversion , Brightness Adjustment Remote Control , Kensington Lock
Microscopic Adapter	Optional





SSS-0640 VISUAL PRESENTER

Easy image transmission full HD 1080p 60 fps image Storage Remote Control LED Bilateral 2 sets light independent of Computer unique high resolution movement free rotation arm & rotatable lens.

Specification

Zoom	22x Optical Zoom, 10x Digital Zoom	
Sensor	5.0 MP Pixels	
Frame Rate	60 fps	
Output Type	720P, 108P	
Horizontal Resolution	≥900 TV Lines	
Iris control	Auto/Manual	
Focusing	Auto/Manual	
White Balance	Auto	
Positive/Negative	Selectable	
Black/White/Color	Selectable	
Imaging Rotation	Title, Rotation (90,180,270Degree), Image Mirror	
Auxiliary Lights	LED Bilateral 2 Sets Lights	
Operate	Separate, OSD EN /CN/OFF	
Digital Tools	Comparing Teaching	Dual Screen
	Picture Storage	32 pcs
	Picture Freeze	Yes
	Brightness Adjustment	Yes
	Camera Mode	Text/Picture
Input Ports	Video x1, RGB x 1	
Output Ports	Video x 1, Audio x1, SDI x 1, RGM x1, USB x1, HDMI x 1	
Lens Rotation	Vertical 330 degrees	



SMART CLASS



SSS-0641 INFORMATION KIOSK

High definition touch monitor finger touch sturdy metal body ergonomic design information on finger tip.

Specification

Body	1.6mm Metal Sheet Powder Coated Finish Two Service Doors
Color	White & Grey
Electrical Fittings	Spike Proof Power Sockets, Ventilation Fan, Space for wiring arrangements of all hardware
Storage Space	CPU, UPS
Touch Monitor Size Available	23"/19"
Optional Hardware for Information Kiosk	CPU UPS Speakers, Keyboard/Keypad, Web Camera/Printer, Biometric Authentication, Smart Card Reader, Bar Code Reader



SSS-0642 POWER PODIUM

No Vocal Stress Sound Clarity Reach Sturdy Body Plug & Play Modern Design User Friendly.

Specification

Power Consumption	100W
Power Supply	~ 230V/50Hz/~110V/60Hz
Frequency Response	100Hz~16000Hz
Rated Power	60W
Inputs	MIC1 : -50dB ± 2dB / 680Ω MIC2 : -55dB ± 2dB / 600Ω Wireless MIC : -20dB ± 2dB / 50s AUX : -20dB ± 2dB / 10KΩ
Output	1V/0dB
Tone Control	Bass: ±10dB/Treble ± 10db
Range	15-50 m
Dimensions	580 (L) x 420 (W) x 1100 (H) mm
Weight	29 Kg
USB Player	Optional





SSS-0643 PROJECTORS

- Data Projector
- Short Throw Projector
- Ultra Short Throw Projector



SSS-0644 TRIPOD PROJECTION SCREEN

Portable Projection screen is suitable for presenters/educators who are always on move. It has state of the art design, sturdy base, advanced tripod mechanism and self-locking system to adjust height. Complete with an integrated handle, it is easy to carry and deliver successful presentations.

Aspect Ratio	Screen Size (Diagonal)	Screen Size (H x W) Inches	Viewing Area (H x W) mm
4:3	84"	50 x 67	1280 x 1707
4:3	100"	60 x 80	1524 x 2032
4:3	120"	72 x 96	1829 x 2358



SSS-0645 INSTA LOCK PROJECTION SCREEN

Basic manual screens with advanced auto-locking system are insta-lock projection screens. It work on spring loaded return mechanism, which makes it easier to pull down and lock it at different heights.

Aspect Ratio	Screen Size (Diagonal)	Screen Size (H x W) Inches	Viewing Area (H x W) mm
4:3	84"	50 x 67	1280 x 1707
4:3	100"	60 x 80	1524 x 2032
4:3	120"	72 x 96	1829 x 2358



SSS-0646 MOTORIZED PROJECTION SCREEN

Motorized Projection Screen is a plug and play screen that comes with RF-Remote Control and in-line switch for convenience. It is apt for training centers, classrooms, home theaters and conference rooms.

Aspect Ratio	Screen Size (Diagonal)	Screen Size (H x W) Inches	Viewing Area (H x W) mm
4:3	84"	50 x 67	1280 x 1707
4:3	100"	60 x 80	1524 x 2032
4:3	120"	72 x 96	1829 x 2358
4:3	150"	90 x 120	2286 x 3048
4:3	180"	108 x 144	2743 x 3654



PLASTICWARE & CHEMICAL

SSS-0647 BEAKER (PP)

A	B	C	D
50ml	100ml	250ml	500ml
E	F	G	
1000ml	2000ml	5000ml	



SSS-0648 REAGENT BOTTLE N/M

A	B	C	D
4ml	8ml	15ml	30ml
E	F	G	H
125ml	250ml	500ml	1000ml



SSS-0649 BURETTE

A	B
25ml	50ml



SSS-0650 DROPPING BOTTLE

A	B
60ml	125ml



SSS-0651 DESICCATOR (PLAIN)

A	B	C	D
150mm	200mm	250mm	300mm



SSS-0652 MEASURING CYLINDER

A	B	C	D
10ml	25ml	50ml	100ml
E	F	G	
250ml	500ml	2000ml	



SSS-0653

PIPETTE STAND HORIZONTAL

12 Pipettes



SSS-0654

PIPETTE STAND VERTICAL

28 Pipettes



SSS-0655 WASH BOTTLE

A	B	C	D
125ml	250ml	500ml	1000ml

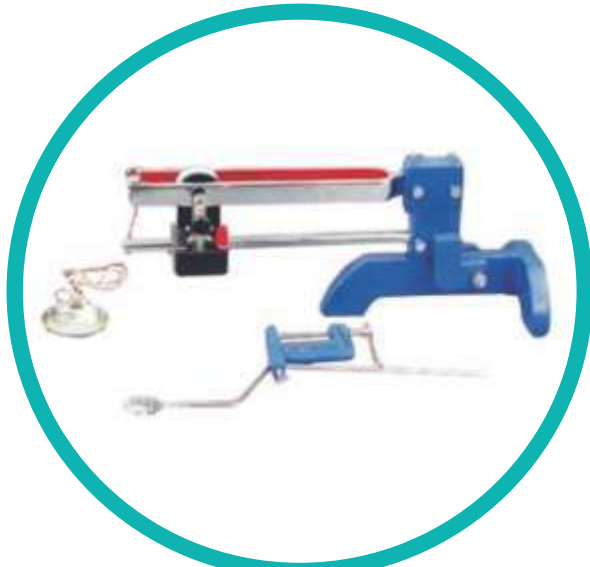
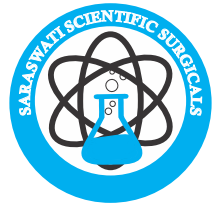


SSS-0656 FUNNEL-LONG STEM

A	B	C	D
50mm	62mm	75mm	100mm



SSS-0657 CHEMICAL'S



SARASWATI SCIENTIFIC SURGICAL

☎ +91-94169-75978, +91-78371-73522,
+91-70151-93143, +91-89010-95987,
0171-2530092

📍 Plot No. 91-92, New Vivek Vihar, Opposite Ranjit
Nagar, Ambala City, Haryana
5409, Punjabi Mohalla, Nicholson Road,
Ambala Cantt-133001

✉ saraswatiscientificsurgical@gmail.com

🌐 www.saraswatiscientificsurgical.com