## **PRODUCT CATALOGUE**

PRODUCT CODE	DESCRIPTION	
MABLNR	ABACUS LEARNER - SLIDE - 10 ROWS	
PATL01	Cost effective system for the study of all aspects of dynamics     Ideal for classroom use     Virtually Friction Free for accurate demonstrations     Designed to accept standard slotted masses     Includes a range of accessories	
PATL02	<ul> <li>AIRTRACK BLOWER</li> <li>Provides constant air pressure for linear air track</li> <li>110V AC</li> </ul>	eisco Oura Au Stater
PATL03	AIR TRACK DUAL PHOTO GATES AND TIMER  A very versatile photogate timer, Battery operated which allows to perform experiments without being connected to the outlet.  There are five timing modes. Including interval mode which measure the time of interruption. Frequency mode which measure the frequency of regular interruption. Period mode which measure the time between the first and third interruption count mode which keep track of the number of times the photogate beam is interrupted adaptor leads.	The state of the s

EAMMET	AMMETER DC  Mounted in plastic case  Easy reading angle  Moving coil types  Available in  (1) 0 - 1A  (2) 0 - 5A  (3) 0 - 10A  (4) 0 - 50mA/0 - 500mA/0 - 5A	A
GAP01	ASPIRATOR 25L PLASTIC + TAP  Polythene Heavy duty Polythene screw cap Wide bore tap Capacity: 22l or 25l	
BBAL01	<ul> <li>BALANCE – LEVER</li> <li>Direct reading, single pan balance with its scale in the form of a quadrant.</li> <li>The arc scale is graduated in dual ranges of 0-250 x 1 g and 0-1000 x 5 g which can be set using the weight arm provided.</li> <li>Cast aluminum frame with all steel parts chrome plated. Leveling screw for zero adjustment.</li> </ul>	
BBAL02	BALANCE- SIMPLE	
BBAL03	BALANCE DOUBLE BEAM 200GM	
BBAL04	BALANCE BEAM TRIPLE BEAM  Sliding Weights, graduation for easy readings Capacity 2610g, Sensitivity 0.1g	

BBAL05	Weighing mode     Tare value stored     Reset zero     Mains adaptor     Readability: 0.01gm     Powers: Mains or battery     Capacity: 600gm	MARIE COLOR DE COMPANION DE CAMPANION DE CAM
BBS01 BBS02	BALANCE – SPRING  • Newton spring balance • With zero adjuster • Handle and load hook Available sizes (1) 5N, (2) 10N, (3) 20N, (4) 50N	
BBSUZ	<ul> <li>Newton spring balance</li> <li>Available sizes: <ul> <li>(1) 5N, (2) 10N, (3) 20N</li> </ul> </li> </ul>	
EBR01	<ul> <li>Brass ball secured to mounted brass ring by a chain</li> <li>Ring is mounted on a rod with a wooden handle/plastic handle</li> </ul>	
EBP01	BANANA PLUG  (a)BLACK (b) RED	
PBG01	Comprising a metal bar mounted on rod with insulated handle and U-shaped metal gauge without handle	
PBB01	<ul> <li>To show the forces this can be exerted during thermal expansion contraction.</li> <li>Comprising a heavy cast iron frame 340 x 120 x 100 mm with slotted end pillars to carry a stout iron bar.</li> <li>The bar is threaded at one end for a large tensioning nut and has holes at the other end to accommodate the cast iron breaking bars.</li> </ul>	

	DAD COMPOUND	
EBC01	<ul> <li>Strip of iron</li> <li>Strip of copper</li> <li>Riveted together</li> <li>Fitted handle</li> </ul>	
MBS01	BATHROOM SCALE	
EBAT01	Cylindrical type AA     Leak proof     Central positive cap	MATONIC STATES
EBAT02	Cylindrical, type D     Leak proof     Central positive cap     Negative base     1.5V	Well-discovery and the second
EBAT03	BATTERY RECTANGULAR 9V-PM9	Panasonic Extra W
EHOLB01	BATTERY HOLDER  • SINGLE CELL AA  • DOUBLE CELL AA  • D - CELL	
GBEAKP	Polypropylene     Graduated With spout  Available Sizes 50ml, 100ml, 250ml, 500ml, 1000ml, 2000ml, 3000ml,5000ml	

GBEAKG	BEAKER GLASS  Borosilicate glass Graduated With spout Available Sizes 25ml, 50ml, 100ml, 250ml, 400ml, 500ml, 600ml,1000ml, 2000ml, 3000ml	0 — 500 ml 200 — 200 200 — 200 308 — 100
GBEAKG02	BEAKER 100ML TALL FORM, WITH SPOUT   • Borosilicate glass • Graduated with Spout Sizes Available 100ml, 250ml, 600ml, 1000ml	
GBT0NG	Length 15cm.     To hold 25-100ml cap., length 15cm	
GBEEHIVE	Stoneware     Glazed inside and outside     Use with troughs for gas collection     Outer diameter 75mm or 100mm	
PBVAC01	<ul> <li>Acrylic bell jar</li> <li>Electric bell operating on 4-6V DC</li> <li>Requires a vacuum pump (not included)</li> </ul>	

PBVAC02	Copper plate with rubber seal     Hand vacuum pump     This is an integral system with the pump plate & hand vacuum pump.     The plate comes with a rubber seal which facilitates sealing in bell jar experiments. The plate can be used with electric vacuum pumps also.     A rubber seal is provided for copper pump plate.	
LSBJAR01	BELL JAR 150MM X 250MM STOPPERED  Soda glass, with glass ground stopper on top.	
LSBJAR02	BELL JAR PLASTIC     Acrylic transparent clear, with stopper.	
PBDYNM	This apparatus has a cycle dynamo mounted on a base.     Two 4 mm. socket terminals are provided for the dynamo output, connected in parallel with an M.E.S. lamp holder and 2.5 V bulb	eisco
LSBVIEW	BIOVIEWER      Tough styrene     White reflector provides light     Adjustable eyepiece     Fine quality lens	

	BIOSET	
LSBISET	Strip of 8 photomicrographs  Text folder to explain them  For use with Bio viewer  Available in the following Titles  (1) Animal Cell, (2) Animal tissue, (3) Human Blood, (4) Meiosis, (5) Mitosis (6) Nervous System, (7) Plant Cell, (8) Plant Tissue, (9) Harmful Bacteria, (10) Virus	
MBSET	Blackboard/Chalkboard Compass     Blackboard/Chalkboard Protractor     Blackboard/Chalkboard Ruler     Blackboard/Chalkboard Ruler     Blackboard/Chalkboard Set Square 45 degrees     Blackboard/Chalkboard Set Square 60 degrees	
CBPIPE	BLOWPIPE	
CBHEAD	Made of iron     Used both vertically and horizontally     Suitable for rods up to 16mm	
GBDROP01	Glass dropper     (1) 30ml, (2) 60ml	
GBDROP02	BOTTLE DROPPING CLEAR PIPETTE     Glass dropper     (1) 30ml, (2) 60ml (3)125ml	

GBREAG01	BOTTLE REAGENT PLASTIC STOPPER NARROW NECK  • Narrow neck • Clear glass • Plastic stopper • Standard shape • (1)125ml (2) 250ml (3) 500ml (4)1000ml	
GBREAG02	BOTTLE REAGENT PLASTIC STOPPER WIDE NECK  • Clear glass • Ground-in flat stopper • Standard shape • (1) 250ml (2)500ml	
GBREAG03	BOTTLE REAGENT GLASS STOPPER NARROW NECK CLEAR  • Ground-in flat stop • Standard shape • (1) 250ml (2) 500ml (3)1000ml	
GBREAG04	BOTTLE REAGENT GLASS STOPPER WIDE NECK CLEAR  • Ground-in flat stopper • Standard shape • (1) 250ml (2) 500ml	
GBREAG05	BOTTLE REAGENT PLASTIC STOPPER NARROW NECK AMBER   • Amber glass • Plastic stopper • Standard shape • (1) 250ml (2) 500ml	

GBREAG06	BOTTLE REAGENT PLASTIC STOPPER WIDE NECK 250ML AMBER   Amber glass Plastic stopper Standard shape (1) 250ml (2) 500ml	
GBREAG07	BOTTLE REAGENT GLASS STOPPER NARROW NECK AMBER	
GBREAG08	BOTTLE REAGENT GLASS STOPPER WIDE NECK AMBER   Amber glass Glass stopper Standard shape (1) 250ml (2) 500ml	
PBLAW	Demonstrates the relationship between the pressure and volume of a closed quantity of gas at constant temperature.     A gas volume of 50 ml. is closed, in the gas syringe. A pressure gauge is connected to the connection tube of the gas syringe to measure the pressure.      The gas syringe plunger is pushed in or pulled out of the syringe and the volume and the pressure of the gas are reduced	
GBRSH01	BRUSH TEST TUBE  • Galvanized wire handle  • Sizes: 10 - 12mm,  • (1) 12 - 16mm,  • (2) 16 - 25mm	

GBRSH02	<ul> <li>BRUSH TEST TUBE WITH COTTON TIP</li> <li>Galvanized wire handle</li> <li>Sizes: 12 - 16mm,</li> <li>16 - 25mm</li> </ul>	
GBRSH03	Galvanized wire handle     Sizes: (1) 20MM (2) 24MM (3)30MM	
GBRSH04	BRUSH BURETTE BRISTLE     Galvanized wire handle	
GBRSH05	BRUSH CYLINDER	
GBRSH06	BRUSH BOTTLE	
GBRSH07	BRUSH FLASK	
GBRSH08	BRUSH BEAKER	

GBBURN01	Heavy gauge brass     Tube 11mm diameter with air regulator     Brass inlet tube 10mm diameter	
GBBURN02	BUNSEN BURNER MEKER TYPE  • For high temperature work	eisco
GBBURN03	BUNSEN BURNER WITH STOPCOCK     Premium Burner with stopcock     For use with LPG/Butane     Suitable for glasswork and soldering	
GBCMP01	High strength casting     With plastic jaws     Spring is positive, allows easy operation without damaging glassware     Suitable for burettes up to 100ml capacity	

GBCMP02	BURETTE CLAMP DOUBLE PLASTIC     High strength     Spring is positive, allows easy operation without damaging glassware     Suitable for burettes up to 100ml capacity	
CBUR01	BURETTE WITH PTFE S/COCK BOROSCILICATE   Amber/blue graduations  Ptfe stopcock  Moulded screw thread for tension adjustment  (1) 25ml (0.1ml graduations)  (2) 50ml (0.1ml graduations)	SEC SOLUTION OF THE PROPERTY O
CBUR02	BURETTE ROTOFLOW 50ML	
CSBURN	<ul> <li>Glass spirit lamp</li> <li>Fitted wick</li> <li>Porcelain wick holder</li> <li>(1)150ml (2)250ml</li> </ul>	
EJCAL	JOULES CALORIMETER  • Metal vessel with lid • Pair of 4mm terminal • Wire heating coil • Stripper	

ECELSIMP	CELL ELECTROLYTIC SIMPLE CELL  Lid with two contact sockets One lid with copper and zinc plate electrodes Vessel polypropylene	
CPER01	<ul> <li>CHART: PERIODIC</li> <li>Provides a convenient summary of data</li> <li>Large size 1080mm x 480mm</li> <li>Laminated</li> </ul>	Periodic Table of the Dements    1
PCLAW	CHARLES LAW APPARATUS  Comprising of a U-shaped glass 15 mm dia. with one plain limb 220 mm long, one 120 mm graduated limb terminating in a 37mm dia bulb with third limb, jointed at right angles to the plain of the other two. Complete with tall form beaker 1000 ml capacity and stirrer	
ECBKIT01	Kit consists of baseboard terminals, set of metal connection pillars and a number of clip-on connections strip and accessories units.	
ECBKIT02	Kit consists of baseboard terminals, set of metal connection pillars and a number of clip-on connections strip and accessories units.      The kit has items for conducting experiments in Electricity, Electrostatics, Magnetism	

	CLAMP - RETORT 3 PRONG	
CCLMPR01	<ul> <li>Suitable for article's from 1mm to 75mm</li> <li>Die cast aluminum</li> <li>Nickel plated brass tommy screw</li> <li>Rubber covered jaws</li> </ul>	
CCLMPR02	<ul> <li>CLAMP - RETORT 2 PRONG</li> <li>Suitable for articles from 1mm to 75mm</li> <li>Die cast painted</li> <li>Brass tommy screws</li> <li>Cork lined jaws</li> </ul>	
CCLMPR03	<ul> <li>Suitable for articles from 1mm to 75mm</li> <li>Die cast painted</li> <li>Brass tommy screws</li> <li>Cork lined jaws</li> </ul>	
PCLIN01	<ul> <li>For demonstration of heliotropism and geotropism. Germinating seedlings are pinned to the cork table which is rotated by an electric motor at 4 revolutions per hour.</li> <li>The motor is spindle mounted and may be clamped so that the place of the table can be set at any angle between horizontal and vertical.</li> <li>An acrylic cover is provided for the cork table to shield the seedlings from droughts. Diameter of cork disc 100 mm</li> </ul>	
PCLIN02	To runs 30 hours in vertical or horizontal position, with clock movements based on heavy metal stand.	

GCLIP01	<ul> <li>CLIP HOFFMAN SCREW 20MM</li> <li>Clamping screw</li> <li>Nickel plated brass</li> <li>20mm width between bars</li> </ul>	
GCLIP02	Iron, Nickel-plated, good quality for schools.	
ECLFLN	CLOTH FLANNEL  ● 150x150mm	
GCLAB	<ul> <li>(1)SMALL (32-34)</li> <li>(2)MED (36-38)</li> <li>(3)LRG (40-42)</li> <li>(4)XLRG (44-46)</li> </ul>	
PGFETHA	Glass tube is 50cm (20") long and 16mm diameter with two rubber bungs, one carrying brass, and 40cm long pressure rubber tubing to connect to vacuum pump.	

	COLLISION IN TWO DIMENSIONS	
PCITDIM	<ul> <li>This apparatus consists of a curved track with a base at one end.</li> <li>On the base is a support to hold a ball at the proper height for a center to center collision with a second ball rolling down the track.</li> <li>The track is level so collision occurs only in the horizontal plane, simplifying calculations. Consists of 25cm one piece track, 3 balls 12mm diameter, 2 steel, 1 glass and 1 plumb bob.</li> <li>Requires a clamp to attach to the end of a table.</li> </ul>	
PCBALLS	Newton's Cradle with 5 balls.     Completely assembled. Size 200 x 150 x 180 mm	CO C
PCVESS	4 glass tubes of different shapes     Cross-sectional area projecting vertically from a common horizontal tube     Tubes mounted	
ECPLOT	Dial marked with principal points of     compass     Needle pivoted between top and bottom glass plates     20mm ø	S S
ECPOCKT	Needle enclosed in rotatable housing     Clockwise 0 - 360° scale     North/South index lines     35mm ø	A. M. W.

GCLIEG	Suitable for both distillation and reflux     Turbulent flow within the water jacket ensures efficient cooling	
ECNDA01	Conductivity Apparatus Ingenhaus     Consists of 5 metal rods of different materials having equal lengths mounted in sheet metal box 150 x 90 x 100mm with corks	· Alada a
ECNDA01	Shows difference in thermal conductivities     Strips of copper, iron, aluminium and brass     Hollow for wax     Mounted on wooden ring     Strips 80 x 20 x 2mm	
PCLIQAPP	CONVECTION IN LIQUID APPARATUS	3
GCBOR01	Nickel plated     Supplied complete with push rod     Set of 6	

GCBOR02	Useful for both rubber stoppers and corks.     Sharpened nickel plated brass tubing with attached handles.	
GCWOOL	COTTON WOOL  • absorbent  • Roll of (1) 50gm (2) 500gm	
BCOVER	COVERSLIPS  • Made of sheet glass • Best quality (1)18 x 18mm, (2) 22 x 22mm, (3)22mmx40mm (3) 22x50mm	COVER GLASS  STREET GLASS  COVER GLASS  COVE
ECCROC	CROCODILE CLIP (1)BLACK (2)RED	
PCRAD01	CROOKS RADIOMETER  • Demonstration radiometer • Spins up to 2900rpm from heat of sun	
GCTONG	General purpose, metal tongs, widely used for handling and manipulating hot apparatus. Tips are serrated      Available in	

GCRUCIB	<ul> <li>CRUCIBLE WITH LID</li> <li>Porcelain</li> <li>Glazed inside and outside</li> <li>Unglazed base</li> <li>Lids with ringed handles</li> <li>(1)25ml or (2) 50ml</li> </ul>	NO TO
MCUPSM	<ul> <li>CUP &amp; SPOON MEASURING SET</li> <li>Measuring set</li> <li>• For food technology</li> </ul>	
PCMETAL	Set of six, 10 mm side, comprising brass, lead, iron, copper, aluminum, zinc. Supplied in plastic box	
GMCYLG	CYLINDER MEAS +SPOUT GLASS      Graduated     Spouted     Glass Sizes Available  (1)5ml (2)10ml (3) 25ml (4) 50ml (5) 100ml (6) 250ml (7) 500ml (8) 1000ml	PROCESS OF THE PROCES
GMCYLP	CYLINDER MEASURING PP (PLASTIC)  • Graduated • Spouted Sizes Available  (1)10ml (2)25ml (3) 50ml (4) 100ml (5) 250ml (6) 500ml (7) 1000ml (8) 2000ml	
GSDEFL	DEFLAGRATING SPOON     Complete with brass flange and cork stopper	

GDTUBE	Bent metal tube, with length of clear 6mm plastic tube attached, for fitting into rubber stoppers	
PDIFGRAT	For demonstrating the principle of the diffraction grating and the way in which its properties are dependent upon the number of lines per unit length. Card mount 90 x 40 mm approximately with three 16 x 9 mm apertures, each containing a diffraction grating replica.      The grating are of 100 lines / mm, 300 lines / mm and 600 lines /mm respectively and protected cover glasses	EDUCATIONAL DIFFRACTION GRATING  100 100 100 100 100 100 100 100 100 1
GPETR01	Olish Petri 60MM  Glass Sizes available (1)60 x 12mm (2)100 x 15mm	
GPETR02	Plastic     (1) 65mm (2) 90mm	
LSKDISS	DISSECTING SET  All in PVC pouch with zip Comprising of: - 1 Scalpel handle no. 3 - 3 Scalpel blades no. 11 - 1 Needle with eye - 1 Seeker - 1 Forcep, sharp - 1 Forcep, blunt - 1 Scissor, sharp - 1 Scissor, blunt 130mm	
PDVESEL	You can measure the volume of a solid object by placing it in this can of water. The amount of water it displaces is equal to that of its volume.	E <sub>B</sub>

GDROPG	<ul> <li>DROPPER PIPETTE</li> <li>Straight glass tube</li> <li>Latex teat</li> <li>Length: 90mm</li> <li>Outer diameter: 7 - 8mm</li> </ul>	
GDROPP	DROPPER PIPETTE PLASTIC 3ML	
PDYNS	Hand generator, with motor housed in transparent plastic pistol grip case with built in lamp.     A stimulating addition to any lesson on energy conversion, electricity or magnetism as the generator directly involves the students in investigations by using their own energy to generate D.C electricity	
PELECFA	<ul> <li>The apparatus enables electric field patterns to be shown in much the same way that magnetic fields are demonstrated with iron fillings, either by direct viewing or on an overhead projector.</li> <li>The apparatus comprises a clear plastic dish 90 x 12 mm diameter x depth, and base 140 x 125 mm Alongside each terminal is a thumbscrew system which permits fine height adjustment of the electrodes.</li> <li>Six electrodes are supplied, two 'point source' two 'line source' and two circular rings of 35 and 70 mm dia.</li> </ul>	
PEPLATE	(1) Copper - 120 x 20 mm (2) Lead - 120 x 20 x 1mm (3) Zinc - 120 x 20 x 1mm	

ERODC	ELECTRODE ROD CARBON	The same of the sa
EELCMAG	ELECTROMAGNET	
EEFLASK	A glass conical flask, brass rod with disc and gold leaf attached supported rubber cork.	
PKITESTAT	ELECTROSTATIC KIT  Consisting of:	
PKITECNV	ENERGY CONVERSION KIT  Consisting of:  Large and Small motor generator Flywheel unit/ Line Shaft unit Lamp Triple unit/ Mounted 12v 24w Head of water/ Turbine Pump unit Handwheel driving/ Spring unit Eddy current unit Mounted motor solar cell Steam generator	

GEBAS01	Borosilicate Glass     Round Bottom with Spout     100ml/ 80X45MM	
GEBAS02	EVAPORATING BASIN  • Glass • 90mm/200ml	
GEBAS03	<ul> <li>EVAPORATING BASIN</li> <li>Porcelain</li> <li>With spout</li> <li>(1) 125ml (2) 250ml</li> </ul>	
PFBODY	Demonstrate the effect of gravity on falling bodies 2 metal spheres included	Cisco Co
GFPAPER	FILTER PAPER      General purpose     Medium filtering speed     Pack size of 100 Sizes available     (1) 12.5cm (2) 15cm	
SKITFAID	FIRST AID KIT IN METAL BOX  • Large Classroom Kit • Metal Box • Regulation 3	FIRST AID USIZO LOKUQALA

GFLSKFB	FLASK BOILING FLAT BOTTOM  • Flat bottom • Borosilicate glass • Narrow neck Available Size • (1)100ml (2) 250ml (3) 500ml	
GFLSKRB	FLASK BOILING ROUND BOTTOM  • Narrow neck Size Available • (1) 250ml (2) 500ml	
GFLSKFIL	FLASK FILTER 250ML CONICAL WITH SIDE ARM	The second secon
GFDISTIL	FLASK DISTILLATION  Sizes available  • (1) 125ml (2) 250ml (3) 500ml	
GFERLEN	FLASK ERLENMEYER (Conical)  Conical Borosilicate glass Narrow neck Graduated Sizes available (1) 25m (2) 50ml (3)100ml (4) 250ml (5) 500ml (6) 1000ml	

GFVOLUM	One mark     Interchangeable pvc stopper Sizes Available  (1)25ml (2) 50ml (3) 100ml (4)250ml	
	(6) 500ml (7) 1000ml  FORCEP DISSECTING	
BFDIS01	<ul> <li>Sharp</li> <li>Narrow flutes</li> <li>Stainless steel</li> <li>(1) 112mm (2)125-130mm</li> </ul>	William Market Control of the Contro
BFDIS02	Blunt     Narrow flutes     Stainless steel     (1) 112mm (2)125-130mm	
PFTUNING	<ul> <li>Quality steel</li> <li>Prong lengths: 85 - 120mm</li> <li>Frequency Hz: (1) 256C (2) 320E (3)512C</li> </ul>	
GFCOLUM	FRACTIONATING COLUMN	
PFUMCUB	Simple type wood and Perspex construction for extraction of fumes. Clear Perspex with front that folds up in two stages	

GFBUC75	FUNNEL BUCHNER PORCELAIN 75MM	
GFFILTP	FUNNEL FILTER  • PVC • (1) 50mm (2)75mm	
GFFILTG	FUNNEL FILTER  • Short stem Sizes Available (1) 50mm (2) 75mm (3)100mm (4) 120mm (5) 150mm	
GFSEPAR	FUNNEL SEPARATING +S/COCK      Glass     Conical/pear shape     Interchangeable stopper Size Available     (1)100ml (2)125mm (3)250ml (4)500ml	(51000 m) ■
GFTHISTL	Soda glass     300mm	
TGCLAMP	G-C LAMP  Cast iron Sizes Available  (1)50mm (2)75mm (3)100mm (3)150mm	
EGALVAN	Moving coil     Colour-coded 4mm socket terminals     Zero adjustment scale	

GGSYRG	GAS SYRINGE GLASS 100ML	hutuilinining of J
GGWIRE	GAUZE WIRE  • Stout iron wire, Ceramic centre  • (1) 100X100mm  • (2)120X120mm  • (3)160 x 160mm	
PGVDG	Specially designed for electrostatic experiments and where continuous source of high voltage is required. Fitted on base with smooth running AC Motor, operates on 110 or 220 volts AC. Charge collecting Belt: Silicon rubber having excellent insulation resistance. Tracking: Belt-tracking easily adjusted. Charge collecting combs: Aluminum mesh, clearly visible Spheres: Aluminum 150mm dia	
GWGLOBE	GLOBE 30CM - POLITICAL	
SGLOVE	GLOVES EXAMINATION  • Latex • (1) Medium (2) Large	
SGOGLES	OGGLES SAFETY     Plastic     Also available in Spectacle type	

EHPLATE	<ul> <li>HOTPLATE</li> <li>Enameled metal case</li> <li>Mains cable 220V AC With switch</li> <li>(1) Solid Single Plate (2) Solid double plate (3) Double Spiral plate</li> </ul>	
GHWDRY	Polypropylene plastic case     Lid and bulb protectors     Detachable plastic water cistern     Supplied with hygrometric tables-Range: -5° - 55°C	10 10 10 10 10 10 10 10 10 10 10 10 10 1
CIPAPER1	(1) Litmus blue (2) Litmus red     (3) Cobalt paper     Books of 20 Leaves	PAPER LITIMUS RED 200 EVS 200 EVS
CIPAPER2	<ul> <li>INDICATOR PAPER UNIVERSAL</li> <li>BOOKS OF 20 LEAVES</li> <li>PH 1-14</li> <li>PH 1-10</li> </ul>	PAFER INDICATOR  FOR USE  FOR
TICREAM	ICE CREAM STICKS PKT 50/100	В
PINDCOIL	<ul> <li>With primary of heavy gauge enameled copper wire, approximate resistance 0.5 ohms wound on former 110 x 30 mm length x diameter.</li> <li>Secondary coil of fine enameled copper wire, approximately resistance 100 ohms on former 120 x 82 mm length x diameter.</li> <li>Both coils fitted with 4 mm sockets. Iron core 160 x 15 mm length x diameter</li> </ul>	

GJGAS	JAR GAS  • Ground flange • With cover plate • Sizes: 50mm ø x 150mm or 50mm ø x 200m	
MJUGP	JUG PLASTIC  • Sizes available 250ml, 500ml, 1000ml	
PKINETIC	<ul> <li>KINETIC THEORY MODEL</li> <li>Demonstrate the kinetic gas theory with this apparatus</li> <li>Small electric motor vibrates platform so the metal balls vibrate violently</li> <li>Supplied with balls and 2 floats</li> </ul>	the Cisco Control of the Cisco
GKGENGP	KIPPS APPARATUS GAS GENERATOR  Glass  Cylindrical base With tubular stopcock Interchangeable fittings Rubber centre collar 500ml or 1000ml  Polyproplene 250ml	
KIT4-701	<ul> <li>KIT: GRADE4-7 NATURAL SCIENCES AND TECHNOLOGY – (5 GROUPS)</li> <li>Covers the CAPS curriculum for intermediate phase and grade 7</li> <li>Group participation kit for up to 5 groups in a classroom</li> <li>Housed in topic utility boxes for easy management of equipment</li> <li>Complete with experiment notes</li> </ul>	

KIT4-702	<ul> <li>KIT: GRADE4-7 NATURAL SCIENCE AND TECHNOLOGY - 10 GROUP</li> <li>Covers the CAPS curriculum for intermediate phase and grade 7</li> <li>Group participation kit for up to 10 groups in a classroom</li> <li>Housed in Metal Cabinet with topic trays for easy management of equipment</li> <li>Complete with experiment notes</li> </ul>	
KIT8-901	KIT: GRADE 8-9 NATURAL SCIENCE - 5 GROUP  Covers the CAPS curriculum for Senior Phase Group participation kit for up to 5 groups in a classroom Housed in topic utility boxes for easy management of equipment Complete with experiment notes	
KIT8-902	<ul> <li>KIT: GRADE 8-9 NATURAL SCIENCE - 10 GROUP</li> <li>Covers the CAPS curriculum for Senior Phase</li> <li>Group participation kit for up to 10 groups in a classroom</li> <li>Housed in Metal Cabinet with topic trays for easy management of equipment</li> <li>Complete with experiment notes</li> </ul>	
KITPS10-12	<ul> <li>KIT: GRADE 10-12 PHYSICAL SCIENCES</li> <li>Housed in a Lockable metal Cabinet</li> <li>Topic include</li> <li>Force and Mechanics</li> <li>Wave, Sound and Light</li> <li>Electricity, Electrostatics, Magnetism</li> <li>Matter and Materials</li> <li>Chemical Change and Chemical Systems</li> <li>Classroom Periodic Table</li> <li>Molecular Model</li> <li>Experiment Notes and Safety data sheets</li> </ul>	

KITLS10-12	<ul> <li>KIT: LIFE SCIENCES GRADE 10-12 (5 GROUP)</li> <li>Group participation kit for up to 5 Groups in the classroom</li> <li>Housed in a Metal Cabinet with trays for easy management of equipment</li> <li>Microscope and Accessories included</li> </ul>	
KITLCHEM	<ul> <li>KIT: LEARNER CHEMISTRY</li> <li>Ideal for group work in a classroom</li> <li>Suitable for Grades 4-12</li> </ul>	
KITMIC	Complete with Accessories and Instruction Manual     Microscope with mirror 400 x Magnification     Accessories include:     Prepared Slides depending on Grade, Slides, Coverslips, dissecting Kit, Coverslips, Dissecting board and Stains and equipment for preparation of own slides	Microscope Kit complete with accessories
KITMAT	<ul> <li>KIT MATHMATETICS</li> <li>COVERS THE CAPS CURRICULUM</li> <li>FOUNDATION PHASE (GRADE R-3)</li> <li>INTERMEDIATE PHASE(GRADE4-7)</li> <li>SENIOR PHASE (GRADE 8-9)</li> </ul>	

	KIT: TECHNOLOGY GRADE 8-9	
KITECK	<ul> <li>Designed for the new CAPS curriculum</li> <li>Senior Phase Technology</li> <li>Contains a wide range of resources to</li> <li>investigate Structures, Processing and</li> <li>Systems and Control</li> <li>Contains enough resources group work</li> <li>Comes in a sturdy Utility tub with wheels.</li> </ul>	TAXATION AND AND AND AND AND AND AND AND AND AN
KITLIGHT	<ul> <li>KIT: LIGHT/OPTICS         <ul> <li>This Optics kit is truly exceptional value for money.</li> <li>It contains enough components to cover investigations and experiments into ray optics, reflection, refraction, colour mixing, absorption, focal length measurement etc.</li> </ul> </li> </ul>	
KITMOTOR	The kit comprises all the part required to build 6 model motors as in the electromagnetic kit	
KITDYN	An economical way to teach dynamics including, but not limited to, position, velocity, acceleration, force, elastic and in elastic collisions, momentum, conservation of energy, and much more. If you are looking to get started teaching physics, or need to revamp your mechanics labs this is the perfect kit	
KITEL10-12	Kit consists of baseboard terminals, set of metal connection pillars and a number of clip-on connections strip and accessories units.      The kit has items for conducting experiments in Electricity, Electrostatics, Magnetism	

KITWMIN	KIT: ELECTROMAGNETIC WESTMINSTER Comprises of 8 ticonal magnets, 8 magnadur magnets, 4 steel yokes, 4 plotting compasses, 4 formers of compasses, 1 bottle fine iron filling (approx. 500g), 4 each double C-cores, 4 clips for C-cores, 2 aluminum rings, 2 split aluminum rings, 4 support bases, 4 armature with axle rods, 8 split pins, 24 rivets, 1 length rubber tubing, 4 formers for coils, 2 rolls of cello tapes, 4 reel of copper wire, 4 sheets plain postcards, 1 reel white cotton, 4 each carbon resistors of 10 ohm & 10 ohms, 8 flash lamp bulbs, 5 neon bulbs, 8 M.E.S. bulb holders, 1 wooden clamp and 4 wooden rods	
KITFBORD	KIT: FORCE BOARD WITH SPRING BALANCES  • Compact & Low Maintenance. The back board is hard-wearing with a printed grid and is bench-standing. Detachable feet for easy storage ball bearing pulleys three hooks thread and mass set	
CKNIFP	<ul> <li>KNIFE PALLET</li> <li>Stainless steel</li> <li>Parallel sided blade</li> <li>Wooden handle</li> <li>100mm/150mm/200mm/250mm</li> </ul>	
PLAMP	LAMP - SPECTRUM  CARBON DIOXIDE HELIUM HYDROGEN NEON NITROGEN OXYGEN	H.
PLAMPS	LAMP - SPECTRUM - TUBE HOLDER	

FLSTOOL	LABORATORY STOOLS  • Tubular steel • Plastic seat • Sizes: 460mm and 690mm	
CLJACK	<ul> <li>LABORATORY JACK</li> <li>Adjustable height max. 290 mm.</li> <li>Both plates are anodised.</li> <li>Size 15 x 13.5 cm/20xcmx20cm</li> </ul>	
ELMES	LAMP HOLDER - MES	
ELAMP	<ul> <li>■ 1.5V</li> <li>■ 2.5V</li> <li>■ 3.8V</li> </ul>	The state of the s
ELEADBB	■ Black/Red ■ 500mm/1meter	
ELEADCB	Black/Red     500mm/1meter	
ELEADCC	Red or black     Insulated crocodile clips on each end     330mm/500mm/1000mm long	

PLCCAVE	LENS CONCAVE  • Focal Length 100/150/200/300	
PLCCVEX	LENS CONVEX  • Focal Length 100/150/200/300	
PLHOLD	Wooden to take lenses or mirrors up to 76 mm diameter. Comprising an upright 100 mm high, with V shape slot to hold a convex or concave lens, mounted on rectangular base 100 x 50 mm An index mark is engraved on each end of the base.	Cases Cases
CLCOVAP	LIQUID CONVECTION APPARATUS	3
PLEAPP	Apparatus is fitted on heavy channel base, at one end of which is an adjusting screw; at the opposite end is a micrometer screw reading to 0.01 mm for measuring the expansion.     Supplied with one each of aluminum, brass and iron expansion rods but WITHOUT thermometer	
LSMLUNG	A view of how the lungs work.     This simple, yet effective apparatus consists of two sacs which represent the lungs, a rubber membrane which serves as the diaphragm and a clear plastic enclosure which models the chest cavity	

EMAG01	MAGNET ALNICO BAR  • 50MM, 75mm and 150mm	
EMAG02	<ul><li>MAGNET BAR</li><li>6% chrome steel</li><li>75mm, 100mm and 150mm</li></ul>	
EMAG03	MAGNET CYLINDRICAL  100 X 10MM	
EMAG04	MAGNET HORSESHOE  • 6% chrome steel • 75mm or 100mm	
LSMAG01	<ul> <li>MAGNIFIER HAND</li> <li>plastic mount with handle</li> <li>Size available – 50mm/75mm/80mm/100mm</li> </ul>	
LSMAG02	Fitted in plastic frame.     Triple Folding Magnifier 10x Lens diameter 25 mm	
PMMETER	MANOMETER WITH BASE     Large scale manometer comprises of an open ended glass U tube mounted on hardwood base supported on a heavy support.     A Meter scale is also mounted between the U tube	Celaco.

PMASS01	<ul> <li>MASS HANGER BRASS</li> <li>Brass Mass hanger with top hook</li> <li>10G/20G/50G/100G</li> </ul>	
PMASS02	MASS SLOTTED BRASS  • 10G/20G/50G/100G	
PMASS03	MASS SLOTTED WITH HANGER  A) Total weight 1kg available in Brass and Zinc  · 100gm hanger, · 9 x 100gm weights  B) Total weight 100gm - Brass  · 10gm hanger, · 9 x 10gm weights  C) Total weight 200gm Brass  20gm hanger, 9 x 20gm weights  D) Total weight 500gm Brass  50gm hanger, 9 x 50gm weights	
PMASS04	MASS PIECE IRON  • 50G/100G/200G/500/1KG	180
LSMS01 LSMS02	MICROSCOPE SLIDE PLAIN G/E 76 X 26MM MICROSCOPE SLIDE FROSTED 76 X 26MM	
LSMIC01	<ul> <li>Eyepiece H10X;Triple nosepiece; Objective 4X,10X,40X;Metal stage with paired clips</li> <li>Disc diaphragm w/five aperture, Plano-concave mirror,Φ50mm, 0.65</li> <li>Condenser, Iris diaphragm</li> <li>Coarse &amp; fine focus, Anti crash device</li> <li>Mirror illumination</li> </ul>	

	MICROSCOPE 100C WITH 100 X OIL +MEC	
LSMIC02	<ul> <li>MICROSCOPE TOOC WITH TOO X OIL +MEC</li> <li>STAGE M-100FL</li> <li>Monocular head, 45° inclined, 360° rotating</li> <li>Eyepiece: WF10X18mm</li> <li>Achromatic Objective: 4X, 10X, 40XS and 100 XS (oil)</li> <li>Magnification: 40X, 100X, 400X, 1000X</li> <li>Quadruple nosepiece</li> <li>Abbe condenser N.A. 1.25, iris diaphragm with filter holder</li> <li>115X125mm double layer mechanical stage</li> <li>Focus: Separate coarse and fine focusing mechanism</li> <li>Illuminator: Built-in 230V/20W bulb</li> </ul>	
LSMIC03	<ul> <li>MICROSCOPE BINOCULAR BM100</li> <li>Binocular head, 45° inclined, 360° rotating</li> <li>Eyepiece: WF10X18 mm</li> <li>Achromatic Objective: 4X, 10X, 40XS and 100XS (Oil)</li> <li>Magnification: 40X, 100X, 400X, 1000X</li> <li>Quadruple nosepiece</li> <li>Abbe condenser N.A. 1.25, iris diaphragm 110mm X120mm plain stage</li> <li>Focus: Separate coarse and fine focusing mechanism, Illuminator: Built-in 230V/20W tungsten bulb</li> </ul>	
LSMIC04	MICROSCOPE BINOCULAR STEREO     Binocular Head Inclined at 45°     20x + 40x magnification     Solid pillar stand     Top & bottom illumination	
BMPSLIDE	MICROSCOPE SLIDE: PREPARED SET OF 45  • Also available individually	

PMCVEX	MIRROR CONVEX 50MM  FL 50MM / FL 100MM FL 150MM/ FL 200MM	
PMCCAVE	<ul> <li>MIRROR CONCAVE 50MM</li> <li>● FL 50MM</li> <li>● FL 100MM</li> <li>● FL 150MM</li> <li>● FL 200MM</li> </ul>	
CMATOMIC	This set consists of 150 lugs and 370 balls of prescribed colours and sizes packed in a moulded box having separate spaces for every colour and size of ball.      Very helpful in modelling different organic and inorganic compounds	Peri-ile Chart of the Claments
LSMAIDS	<ul> <li>MODEL: AIDS</li> <li>Aids (HIV) virus Model</li> <li>Enlarged millions of times</li> </ul>	
LSMACELL	MODEL: ANIMAL CELL     3 Dimensional	
LSMBRAIN	MODEL: BRAIN  • Natural cast • Dissectible vertically in halves • Mounted on a base	

LSMDSYS	Model of human digestive system showing nose, mouth cavity and pharynx, esophagus the gastrointestinal tract, liver with gall bladder pancreas and spleen, duodenum, cecum and rectum are opened	
LSMDNA	MODEL: DNA STRUCTURE     Simplified representation of a short segment of double-stranded DNA     Plastic     Identified by colours     Height: ±500mm     Containing 10 paired nucleotides     Mounted on plastic base	
LSMEAR	<ul> <li>MODEL: EAR</li> <li>Enlarged</li> <li>Made from rigid plastic</li> <li>Dissectible into 3 parts</li> <li>Coloured and finished to show all features</li> <li>Mounted on a stand</li> </ul>	
LSMEYE	Enlarged 4 times     Cross section through the eye     Showing sclera, choroid, retina optic nerve, vitreous body, lens, iris, ciliary body and cornea     Retinal and choroidal vascular system also shown	
LMFLWER	MODEL TYPICAL FLOWER     Enlarged view of a typical flower.     Model with cut-away sections to show the major parts stem, sepal, petal, stamen and pistil	

LSMHEART	<ul> <li>MODEL: HEART</li> <li>Enlarged</li> <li>Made from rigid plastic</li> <li>Dissectible into 3 parts</li> <li>Coloured and finished to show all features</li> <li>Mounted on a stand</li> </ul>	
LSMKDEY	<ul> <li>MODEL: KIDNEY</li> <li>Dissected into halves</li> <li>Shows all the main features</li> </ul>	
LSMMEIO	MODEL: MEIOSIS	
LSMMITOS	Demonstrates cell division and identifies cell parts and structure     5 phases of mitosis     Components of cell: cytoplasm, nucleus, nucleolus, chromatin threads centioles, aster, spindle, chromosomes and centromere	
LSMPCELL	This hand painted model shows electron microscopic detail of a typical plant cell. It shows ectoplast, endoplast, tonoplast, vacuoles, nuclear structure, plastids, mitochondria and more. It is mounted on a base.	

LSMSKEL	MODEL: SKELETON HUMAN  Full size Fully articulated Skull is divisible into 3 parts Arms and legs are detachable Supplied with roller stand	
LSSKIN	<ul> <li>MODEL: HUMAN SKIN 70 TIMES</li> <li>Three layers</li> <li>Close-up view of a hair follicle, sweat gland, fatty tissue and more</li> <li>Front, side and back view</li> <li>Mounted on plastic base</li> <li>Not dissectible</li> </ul>	
LSMSCRD	MODEL SPINAL CORD     Model shows spinal nerves, spinal ganglion and spinal cord in cross section	
LSMTRSO	MODEL: TORSO  • Natural size • Separates into many parts • Available Sexless and Male and Female	
LSMVILUS	Representation of an entire villus of one longitudinally sectioned villus to show arterioles and venules and of one cut villus to show the lymphatic vessels.      With enlarged representation of a longitudinal section of one crypt of Lieberkuehm	

LSMURSY	This hand painted model is natural sized showing the kidneys, ureters, adreanal glands, bladder, and prostate. The large abdominal right kidney is sectioned to show all anatomical details. It is mounted on a base	
GMPES01	<ul> <li>MORTAR &amp; PESTLE PORCELEIN</li> <li>Porcelain, grinding surface unglazed</li> <li>100MM 150ml Capacity</li> <li>130MM 275ml Capacity</li> <li>160MM 550ml Capacity</li> <li>180MM 900ml Capacity</li> <li>200 MM</li> <li>230MM</li> </ul>	
GMPES02	MORTAR & PESTLE GLASS 90MM/120mm      Glass     90mm/120mm     Rough inside     Pestle     With sand blasted head	
EMMETER	MULTIMETER     Multimeter with LCD digital readout display enables quick, easy and accurate measurement of volts A.C. or D.C	
LSDNEDLE	Needle, 33 mm length mounted in 100 mm plastic handle.	
PMICSG	MICROMETER SCREW GUAGE	

	NEEDLE MAGNETIC	
ENMAG	<ul> <li>Carbon steel with jewel bearing for pivoting.</li> </ul>	
	NEEDLE MAGNETIC STAND	
ENMAGS	Non-magnetic metal pillar with carbon steel point, on stable base, overall height 110 mm	
	OPTICAL BENCH	·
POBENCH	<ul> <li>Single aluminum channel graduated         Optical bench fitted on two sturdy         metal feet with levelling screws.         Complete with heavy sliders having         fine index marks and accessories</li> </ul>	
	ORGANIC CHEMISTRY SET GLASS 46BU	
COS46BU	This set contains 11 items of 19/26 ground joint. Packed in die cut foam lined box.  • Consists of  1 Dropping funnel, 100 ml  1 Air leak / steam inlet tube  1 Liebig condenser  1 Receiver adapter  1 Stopper  1 Flask, round bottom, 250 ml  1 Cone / screwcap adapter  1 Still head  1 Flask, pear shaped 100 ml  1 Filter funnel, 24 mm. dia. perforated plate  1 Flask, Buchner, 100 ml	
GPTROLL GPTSTAND	PAPER TOWEL ROLL 210MMX1500M PAPER TOWEL METAL STAND	

РРВОВ	PENDULUM BOB      Brass Ball     18mm/25mm     Drilled for lab demonstrations     Approx. 2.5mm drilled hole	
CPHTEST	PH TESTER POCKET  Pocket size, splash proof, ideal for pH spot reading to 0.1 pH. Large, easy to read LCD display.	
CTPIPE	On stout iron wire     Pipe clay stems .	
CPIPFIL	Made of rubber, Bulb type. Bulb diameter is 54 mm.	
СРРИМР	PIPETTE FILLER PI – PUMP 25ML  • Fast release pipetting device for precise pipetting & zip quick emptying	
CPGRAD	PIPETTE GRADUATED  • Glass, graduated • For delivery to jet • Zero mark at top • Subdivided • 1ml/2ml/5ml/10ml/25ml	

CPIPVOL	PIPETTE VOLUMETRIC ONE MARK  Glass  One mark  1ml/5ml/10ml/25ml/50ml	
CPTROUG	PNEUMATIC TROUGH 240 X 125MM      Glass     Circular     Approximate sizes: 240 x 125mm	
PTROUGP	PNEUMATIC TROUGH ROUND PLASTIC 180MM  These troughs, made of polypropylene, are autoclavable	
LSPOTFMS	Measures the uptake of water by a cut plant shoot     Central reservoir with 3-hole stopper     Holds capillary tube     Graduated in mm     Funnel with stopcock     Short length of 10mm glass tubing	
LSPOTGAN	For demonstration of transpiration rates and rates of water absorption by a cut shoot under various external conditions. Apparatus mounted on wooden base with Glass stopcocks by clips	Cisco

EPSUP01	POWER SUPPLY 2-12V AC/DC  This is very useful power supply. It gives the DC voltages as well as AC voltage from 2V - 12V in steps of 2 volts at 5 Amp. capacity	EISCO LOW VOLTAGE ACIDO POWER SUPPLY    1
EPSUP02	POWER SUPPLY 6-12V AC/DC  • 6-12V AC at 2 Amps	LOW VOLTAGE AC POWER PACK  ONEY  OF THE SAME OF THE SA
PPRISM01 PPRISM02 PPRISM03 PPRISM04 PPRISM05	PRISM - PERSPEX  RECTANGULAR 70 X 50MM ISOSCELES 70 X 70MM EQUILATERAL 60 X 60MM SEMICIRCULAR 80 X 40MM SLENS	
PPRISM06 PPRISM07	PRISM – GLASS  • RECTANGULAR 70 X 50MM • EQUILATERAL 60 X 60MM	
CTTRACK	<ul> <li>Pack - Test Tube 6 Hole</li> <li>Durable plastic</li> <li>Holds six test tubes</li> <li>Has 6 drying pins</li> <li>Comes in both blue and white polypropylene</li> </ul>	

GRGAGE1	RAIN GAUGE PLASTIC  • Cone type - graduated in mm • · With bracket to mount on pole	
GRGAGE2	RAIN GAUGE COPPER & GLASS CYLINDER.  Constructed from copper. It has 5 inch dia. (127 mm) funnel, an inner receiving vessel and an outer body all of copper, and a glass measuring cylinder graduated 0 to 10 mm x 0.1 mm (100 divisions	Cinco  The state of the state o
GRGAGE3	RAIN GAUGE SYMONS & GLASS CYLINDER.  • It consists of a cylinder made from iron sheet with brass collar which fits into the top and drains into an inner cylinder.  • When the inner cylinder fills the vessel collects the overflow.	Cinco
PRAYBOX	RAY BOX WITH LENS AND SLITS AND FILTERS  • Metal, with sliding lamp housing. Supplied with single and triple slits, 50 mm wide. 12V, 21W lamp with cable and 4 mm plugs. Operates on 12 volts power supply	Ceisco RAY BOX
CRRING	RETORT RING WITH BOSSHEAD     Mild Steel     Size 75mm/100mm diameter	

ERHEOS	RHEOSTAT SLIDING 5A 10.7 OHM	
KITRIPPLE	This dual purpose tank is a versatile apparatus allowing all types of waves and wave motion. With illuminator lamp and important accessories included it forms a complete ready to use unit.      The unique design and size allows it to be used on an overhead projector as well. Supplied in foam packing	
EREBON	Ebonite friction rod     30cm length	
ERPERS	Length 200mm     Diameter 10mm	
ERPOLY	Length 200 mm     Diameter 10MM	
CRGLAS	ROD STIRRING GLASS  • Length 300mm  • Diameter 6mm/ 7mm	
CRSTOP01	Bottom     14MM/21MM/23MM/27MM/29MM     /31MM	

	T	T
CRSTOP02	RUBBER STOPPER - 1 HOLE  • Bottom 14MM, 21MM, 23MM,31MM	
CRSTOP03	RUBBER STOPPER - 2 HOLE  • Bottom 21MM,23MM,31MM	
	RULER WOOD	
MWRULE	• 500MM • 1 METER	
BDBLADE	SCALPEL BLADES  • NO 10/11/20/22/24 - BOX 100	
BDFBLADE	SCALPEL HANDLE FIXED BLADE	
BDSHAND	SCALPEL HANDLE  Stainless Steel NO 3/ NO.4	The state of the s
BDSCIS01	Stainless Steel     Sharp     112MM/125MM	8
BDSCIS02	Stainless Steel     Blunt     112MM/125MM	

	_	_
PSSPR01	SLINKY SPRING STEEL  • To demonstrate Longitudinal and transverse waves	
GSSYS	This three dimensional model allows students to study our solar system looking at planets	
PSPR02	<ul><li>SPRINGS</li><li>Steel Springs with hoops on both sides.</li><li>6 X 100MM</li></ul>	
PSPR03	SPRING STEEL 1.8MM L 25MM DIAMETER	
PSCELL	<ul> <li>For observation of 'Brownian Motion' in smoke particles. Consists of box with plastic lid as well as flanges that allow easy attachment to standard microscopes.</li> <li>The box contains a smoke cell, cylindrical condensing lens and a 12 volts 3W festoon bulb. Apparatus preset to focus the light at correct height. type smoke generator.</li> </ul>	C STATE
CSPAT01	SPATULA CHATTAWAY STAINLESS STEEL  One end flat One end bent up Polished stainless steel 150mm or 200mm	
CSPAT02	<ul> <li>SPATULA SPOON STAINLESS STEEL</li> <li>One end flat</li> <li>One end spoon form</li> <li>Polished stainless steel</li> <li>150mm or 200mm</li> </ul>	

CSRETRT	STAND RETORT +BASE & ROD  • Chrome plated/steel rod: ±600mm • Base: 200 x 130mm	
CSBURP	STAND BURETTE PORCELAIN  Porcelain base Aluminum centre rod To take double burette clamp	
CSRBCSET	STAND RETORT WITH BOSSHEAD & RETORT CLAMP	
PSTOPD	STOPWATCH DIGITAL	
ESDPDT	Double pole - double throw     Durable plastic base knife switches that stand up during tough student use.     Poles & knives are made of brass for good electrical connections	
ESSPDT	Single pole - double throw Durable plastic base knife switches that stand up during tough student use.     Poles & knives are made of brass for good electrical connections	

ESSPST	SWITCH KNIFE SINGLE POLE SINGLE THROW  Single pole - single throw Durable plastic base knife switches that stand up during tough student use. Poles & knives are made of brass for good electrical connections.	
CSYRING	SYRINGE DISPOSABLE	A CONTROL OF THE PROPERTY OF T
TDTAPE	TAPE MEASURE DRESS MAKER  • 1.5 meter	
TCAMPK	TECHNOLOGY CAM PACK  The pack contains 10 each of 2 different size pear-shaped cams with 4mm axle holes	
TGEARPK	<ul> <li>Contains 10 each of 15, 30, 45 and 75 toothed gears, the diameters being 17, 32, 47 and 76mm respectively</li> <li>Gears can lock into each other when creating a gearbox</li> <li>Each pack contains 10 locking bushes to fix the gears firmly to an axle</li> </ul>	
TSGEARPK	TECHNOLOGY GEAR PACK – SPECIALISED GEAR  Pack contains 10 worm, 10 crown, 10 bevel and 10 rack gears All mesh perfectly with the normal gears	

TPULEYPK	<ul> <li>TECHNOLOGY PULLEY PACK</li> <li>Contains 10 each of pulleys with diameters of 30, 38 and 48mm</li> <li>Rubber bands, or our elastic pulley belt can be used as pulley drives</li> </ul>	
TWSTRP	<ul> <li>TECHNOLOGY WOOD STRIP</li> <li>To construct various structures and projects</li> <li>Strips supplied in 450mm lengths 10x10mm</li> </ul>	
TWDOWEL	<ul> <li>Technology dowels</li> <li>To construct various structures and projects</li> <li>Rod supplied in 450mm lengths of 4 and 5mm ø</li> </ul>	
TRRIGID	<ul> <li>Technology RIDIG ROD</li> <li>To construct various structures and projects</li> <li>Rod supplied in 450mm lengths of 4 and</li> <li>5mm ø</li> </ul>	
TWHEELPK	Available in 2 sizes - 47mm and 67mm     Each pack contains 40 wheels     Wheels are easily fitted to vehicles and other constructions using 4mm axles and	
CTTUBE01	<ul> <li>Light wall · With rim</li> <li>Neutral/Borosilicate glass</li> <li>Sizes: 16 x 125mm, 16 x 150mm, 19 x 150mm, 24 x 150mm</li> </ul>	

CTTUBE02	TEST TUBE HEAVY/WALL  • Heavy wall • With rim 24x150mm	
CTTUBSA	TEST TUBE SIDE ARM  • Boroscillate glass • Sizes 24mmx150mm/16x150mm	
CTTHLD01	Plated spring steel wire holder with finger grip. The jaws will accept tubes up to 40 mm diameter and their alignment maintained by a wire collar.	
CTTHLD02	TEST TUBE HOLDER BOW  Stainless Steel, Strong spring clip, with strip of metal in wooden handle	
CTTHLD03	<ul> <li>TEST TUBE HOLDER</li> <li>Wooden peg type</li> <li>With spring steel for closing jaws</li> <li>Accepts tubes 11-19mm/19-24mm</li> </ul>	
CTHEMR01 CTHEMR02	THERMOMETER RED SPIRIT-10-110C 150MM THERMOMETER RED SPIRIT -10/110C 300MM	
CTMER01 CTMER02 CTMER03	THERMOMETER MERCURY -10/110C THERMOMETER MERCURY -50/150C THERMOMETER MERCURY -10/350C	

CTM-MIN	THERMOMETER MAX/MIN  On plastic backing 20° - 55°C	CONTRACTOR STATES
CTWALL	THERMOMETER WALL      General purpose     Plastic frames     Indoor or outdoor use     Assorted colours     Length: 225mm     · -10° - 50°c	E
CTWDRY	THERMOMETER WET AND DRY  • On plastic backing • -20° - 55°C	10
PTTIMAC	TICKER TIMER AC  This ticker tape timer is housed in a tough moulded plastic case. The timer operates on 12 volts AC supply and produce 50/60 dots per second depending on the main frequency.  The case has a tape guide and a carbon disc plug which can be moved to maximise the use of the discs. It is supplied with one roll of 50 meter paper tape and carbon discs box of 100	FICHER PARE TIMER INFIDT 6 - FAV AC
PTTIMDC	TICKER TIMER DC  This is a complete kit which includes a 12 volt DC ticker Tape Timer, Battery holder, 2 Rolls of tape and carbon disc.  Specially useful when no external power supply is available.	

BTSPOT	TILE SPOTTING      Porcelain     White     6 cavities or 12 cavities	63333
CTILE150	TILES CERAMIC WHITE GLOSS  • 150X150MM	
CTSTND	STAND TRIPOD CIRCULAR 120MM  High grade metal Circular or triangular top Cast iron Sprayed steel legs Matte black finish  .	
CTUBEU01	TUBE-U ABSORPTION +SIDE ARM 20 X 150MM  • Neutral glass, With strong walls	
CTUBEU02	TUBE-U ABSORPTION 20 X 150MM  Borosilicate glass, With strong walls and U-form with side tubes Length 100mm, Dia 12mm	
CVTUBE	<ul> <li>Visking Tubing for Dialysis</li> <li>Per Meter/30 meter</li> <li>Size 9</li> </ul>	
CTRUB	<ul> <li>TUBING DRAINAGE RED RUBBER</li> <li>Red rubber Drainage</li> <li>Suitable for burners and other lab uses</li> <li>Sizes: 5mm bore/6.3mm bore/8mm bore</li> </ul>	

CTGLASS	TUBE GLASS  • Lengths 750mm • Sizes Inside Diameter 5mm, 6mm, 7mm	
CTCAP	TUBING CAPILLARY  • Length - 150MM	900
CTPVC	TUBING PVC  • Per Meter Sizes Available • Sizes 3mm, 5mm, 10mm	
CHOFFV	Borosilicate glass, graduated. For the demonstration of the chemical composition of water by volume and the electrochemical equivalent of hydrogen by electrolysis of water	
EMVOLT	VOLTMETER DC  Terminal: 4mm socket (1) Single range 0 - 5V (2) Single range 0 - 10V (3) Triple range 0 - 3V, 0 - 15V, 0 - 300V	ZOUS V SOV COND
CWBOTLE	WASH BOTTLE  • Swan neck • Round Sizes Available • (1) 250ml (2) 500ml (2) 1000ml	
CWGLASS	WATCH GLASS SODA  Sizes Available  • Diameter (1)50MM (2) (3) 80MM (4)100MM (5)120MM	

		T
CWBATH	OF Place, Stainless steel, size 360 x 260 x 135 mm high, 110 mm internal depth with integral constant level device and 750W heater with overheat protection device.  Removable cover has six 85 mm diameter holes each fitted with a set of stainless steel rings. With connector and 3-core cable. Operates on 220 / 240 Volts AC.	
CWSTILL	<ul> <li>Water Still 4I gives high quality distilled water with low conductivity and is pyrogen-free.</li> <li>The unit has built-in safety features like gate valve, flow switch, thermostat and fuse.</li> <li>The distilled output is cool ensured by high efficiency coiled condenser.</li> </ul>	
EWFLEX	<ul><li>WIRE ELECTRIC - FLEXIBLE</li><li>Per meter</li><li>Red/Black</li></ul>	
EWNICR	• (1) 30SWG (2)28SWG (3) 26SWG (4)24SWG	Shrome Wings WG, 1259
EWCOPP	• (1) 28SWG (2) 26SWG (3) 24SWG	
EWEUR	WIRE EUREKA / CONSTANTANT 040MM  • 28SWG	

## **CHEMICALS**

DESCRIPTION	
Acetic Acid (Glacial) - 100ml/500ml/2,5l	Acetone -100ml/500ml/2.5l
Agar Agar - 25gm/50gm/100g	Aluminum Powder - 100gm/250gm
Aluminum Grit -100gm/250gm/500gm	Ammonium Carbonate - 100gm/250gm/500gm
Ammonium Chloride -100gm/250gm/500gm	Ammonium Dichromate - 100g/250gm/500gm
Ammonium Hydroxide -100ml/500ml/2.5l	Ammonium Nitrate -100gm/250gm/500gm
Barium Chloride -100gm/250gm/500gm	Barium Nitrate -100g/250g/500g
Benedicts Solution -100ml/500ml	Bicarbonate Indicator Solution - 500ml
Biuret Solution A -100ml/500ml	Biuret Solution B -100ml/500ml
Boiling Stones 2mm	Borax Powder -250gm/500gm
Brilliant Cresol Blue -100ml	Bromine Water -100ml/500ml
Bromothymol Blue Solution-100ml/500ml	Butanol - 100ml/500ml/2.5l
Butyric Acid (Butanoic Acid) - 100ml/500ml	Calcium Carbonate Chips - 100g/250gm/500g
Calcium Carbonate Powder -100g/250gm/500g	Calcium Chloride – 100g/250g/500g
Calcium Hydroxide - 100gm/250gm/500gm	Calcium Metal – 50gm/100gm
Chlorine Water - 100ml/500ml	Chloroform - 100ml/500ml
Citric Acid -100gm/250gm/500gm	Cobalt Chloride – 50gm/100gm/250gm/500gm
Copper II Carbonate -100gm/250gm/500gm	Copper II Chloride- 100gm/250gm/500gm
Copper II Oxide -100gm/250gm/500gm	Copper II Sulphate -100gm/250gm/500gm

Γ	0 11 400 1/500 1
Copper Turnings -100gm/250gm/500gm	Cyclohexane - 100ml/500ml
Cyclohexene – 100ml/500ml	Diethyl Ether - 100ml/500ml
Distilled Water 2.5l/5l/25l	Eosin Solution 100ml
Ethanol 96% - 100ml/500ml/2.5l	Fehling's Solution A - 100ml/500ml
Fehling's Solution B - 100ml/500ml	Formalin - 100ml/500ml/2.5l
Formic Acid/Methonic - 100ml/500ml/2.5l	Glucose Powder -100gm/250gm/500gm
Glycerine - 100ml/500ml/2.5l	Hematoxylin Stain 10g/100ml
Hydrochloric Acid - 100ml/500ml/2.5l	Hydrogen Peroxide -100ml/500ml/2.5l
Iodine Crystals 50g/100g/500g	Iodine Solution - 100ml/500ml
Iron Filings -100gm/250gm/500gm	Iron Powder 100gm/250gm/500gm
Iron II Sulphate Ferrous 100gm/250gm/500gm	Iron III Chloride Ferric - 100gm/250gm/500gm
Lead II Nitrate - 100gm/250gm/500gm	Lime Water -100gm/250gm/500gm
Lithium Metal 10gm/25gm	Litmus Solution - 100ml
Lead Monoxide (Oxide) -100gm/250gm/500gm	Magnesium Oxide -100gm/250gm/500gm
Magnesium Powder- 100gm/250gm	Magnesium Ribbon 12g/25gm
Magnesium Sulphate -100gm/250gm/500gm	Manganese Dioxide -100gm/250gm/500gm
Manganese Sulphate -100gm/250gm/500gm	Methanol -100ml/500ml/2.5l
Methyl Orange Solution - 100ml	Methyl Red Solution - 100ml
Methylated Spirits Blue - 100ml/500ml/2.5l	
Methylene Blue – 10gm/100ml	Nitric Acid - 100ml/500ml/2.5l
Oxalic Acid-100gm/250gm/500gm	Paraffin Liquid - 500ml
Paraffin- General Purpose - 500ml	Pentanol - 100ml/500ml/2.5L
Pepsin 10gm/100gm	Phenolphthalein Powder 100gm
Phenolphthalein Solution - 100ml/500ml	Potassium Bromide -100gm/250gm/500gm
Potassium Chloride -100gm/250gm/500gm	Potassium Chromate -100gm/250gm/500gm
	Potassium Hydroxide Flakes -
Potassium Dichromate -100gm/250gm/500gm	100gm/250gm/500gm
Potassium Hydroxide Pellets - 100gm/250gm/500gm	Potassium Iodate -100gm/250gm/500gm
Potassium Iodide -100gm/250gm/500gm	Potassium Metal 10gm/25gm
	Potassium Permanganate -
Potassium Nitrate -100gm/250gm/500gm	100gm/250gm/500gm
Potassium Sodium Tartrate - 100gm/250gm/500gm	Propionic Acid 100ml/500ml
Salicylic Acid -100gm/250gm/500gm	Safranin 10g/100ml
Schultz Solution- 100ml/500ml	Silver Nitrate -25gm/50gm/100gm
Silver Nitrate Solution - 100ml/500ml	Soda Lime -100gm/250gm/500gm
Sodium Bicarbonate -100gm/250gm/500gm	Sodium Bromide -100gm/250gm/500gm
Sodium Carbonate -100gm/250gm/500gm	Sodium Chloride -100gm/250gm/500gm
	Sodium Hydroxide Flakes -
Sodium Citrate -100gm/250gm/500gm	100gm/250gm/500gm
Sodium Hydroxide Pellets - 100gm/250gm/500gm	Sodium Hydroxide Solution - 100ml/500ml/2.5l

Sodium Iodide -100gm/250gm/500gm	Sodium Nitrate -100gm/250gm/500gm
Sodium Nitrite -100gm/250gm/500gm	
Sodium Sulphate -100gm/250gm/500gm	Sodium Sulphite -100gm/250gm/500gm
Sodium Thiosulphate -100gm/250gm/500gm	Starch -100gm/250gm/500gm
Sulphur Powder -100gm/250gm/500gm	Sulphuric Acid 98% - 100ml/500ml
Universal Indicator Solution - 100ml/500ml	Xylene - 100ml/500ml/2.5l
Zinc Chloride -100gm/250gm/500gm	Zinc Metal Granular-100gm/250gm/500gm
Zinc Powder -100gm/250gm/500gm	Zinc Sulphate -100gm/250gm/500gm