

Science & Lab Essentials

2020



Everything you need for your lab in one place



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Class Kit



This Lab Essentials classroom kit is an ideal laboratory equipment essentials set. This comprehensive set of science lab resources includes a great range of high quality scientific resources to help start and equip your lab or replenish your existing Science materials inventory.

SCI002 \$1.500.00



Save \$39.80

Plasticware Classroom Value Kit

Contains all the plasticware you need for your science classroom at a budget price.

EISKIT3

\$757.95

Kit includes

- 50 graduated beakers in 5 volumes
- 30 graduated measuring jugs in 3 volumes
- 70 graduated cylinders in 7 volumes
- 15 wash bottles in 3 volumes

FREE freight on all orders over \$199

Conditions apply, see website for details. Valid until 31st December 2020. Promotional value excludes GST. Offer excludes export & new projects

Lab Essentials Retort Stand & Clamps Kit - Large

Stock up on lab essentials for your school lab! This large kit includes 4 sets of retort stands and a variety of clamps that allow for a variety of glassware to be connected.

EISKIT2 \$454.95

Kit includes

4 of each: Retort stand (base is 20 x 12.5cm, rod is 60cm long and 11mm in diameter); Thermometer clamp; Retort clamp combined; Retort ring (7.5cm in diameter); Boss head;

Burette clamp - double; **Tubing for Bunsen Burner** - 600mm; Wire gauze; Tripod stand (21cm high).

\$478.00

Save \$23.05







Heavy Duty Light Weight Trolley - 2 Shelf

Designed for laboratory use, these great trolleys are made to handle a hard life being pushed around carrying a heavy load. They are great for storing class sets of microscopes, power supplies and general apparatus. Included in the design is a thoughtful lip around the edge of each shelf, specially designed to stop anything sliding off while moving between prep rooms and remote laboratories. Designed to carry 250kg. Durable heavy duty construction. Two swivel wheels and 2 locking brakes. Lightwight for easy mobility.

SER7002001 \$299.95



Heavy Duty Light Weight Trolley - 3 Shelf

Designed for laboratory use, these great trolleys are made to handle a hard life being pushed around carrying a heavy load. They are great for storing class sets of microscopes, power supplies and general apparatus. Included in the design is a thoughtful lip around the edge of each shelf, specially designed to stop anything sliding off while moving between prep rooms and remote laboratories. Designed to carry 250kg. Durable heavy duty construction. Two swivel wheels and 2 locking brakes. Lightwight for easy mobility.

SER7002002 \$359.95



Heavy Duty Metal Lab Trolley - 3 Shelf

Heavy duty steel trolley with four wheels, including two fitted with brakes. Chemical resistant paint. Supplied in flat pack. Size: $1040 \times 440 \times 1010 \text{cm}$

SER1181001 \$519.95



Utility Trolley with Accessory Tub

A large utility trolley with accessory tubs for the classroom, kitchen or outdoor environment. This quality storage trolley cart is lightweight and durable. It features 3 large, plastic shelves and 2 wide handles on each end. This utility storage trolley features large, quality castors, allowing for easy mobility. It also comes with 3 large deep tubs for each shelf. Great for using for cleaning dishes, clearing tables, or just general storage. It also comes with 2 end long / tall containers for rubbish or more storage options. Great for food service.

HSP071 \$319.95





Coloured Safety Goggles

These fun, coloured safety goggles can be used any time students need reliable eye protection. Sized just right for your students and adjustable for adults. Set of six pairs of goggles comes in three bright, translucent colours (red, blue, and green).

LER2449

Set of 6 **\$49.95**



Safety Glasses with Adjustable Arm

High quality safety glasses with an adjustable arm for added comfort.

SER1104034 \$15.95



Economy Safety Glasses with Adjustable Arm

These safety glasses have an adjustable arm with a length of 2cm, with a top and a side shield. These glasses have a snug fit.

SER1237039 \$2.95



Adjustable Safety Glasses

These adjustable safety glasses provide complete protection for maximum protection, with an adjustable strap for maximum comfort.

SER1042004 \$3.95



Adjustable Safety Glasses with Brow Protector

Safety glasses for the most extreme experiments, these are fitted with brow protection and side shields for the maximum safety.

SER1119002 \$3.20



Gratnells Safety Glasses Kit

This Safety Glasses storage set includes, 1 x Gratnells Deep Tray, 1 x Gratnells tray lid, 1 x Foam insert and 30 safety glasses.

SER1099106 \$114.95

Buy in bulk and save

Set of 50 Save \$**54**55



Safety Goggles

Protect student eyes. Constructed from durable soft plastic. Ventilated to stop fogging. Features an elastic strap. Correct size for children.

FD2400 Each **\$7.95** Set of 50 \$397.50 \$342.95 FD2400K

Buy in bulk Set of 30 Save and save **\$10**05

Clear Safety Glasses - Vented

These clear safety glasses are made of durable polycarbonate. They fit over most prescription glasses and are vented to keep the glasses from fogging. UV protected and light weight. With impact resistant lens, conforms to ANSI Z87.1 2010 sideshield protection.

EIS0619A Each **\$7.40** EIS0619K Set of 30 \$222.00 \$211.95

Buy in bulk and save

Set of 20 Save \$**?**90



Safety Glasses - Kids-Sized

Turn even the youngest students into real scientists! These safety glasses are perfect for young students aged 4 to 8. The glasses measure 120mm wide. Available in a set of 10 or 30.

MAJA003S Set of 10 \$29.95 MAJA003SK Set of 30 \$89.85 \$85.95



Laboratory Coat

Available in sizes small to extra large, these quality laboratory coats are made for protection against harmful chemicals in the laboratory.

SER1229001	Small - 113cm	\$29.95
SER1229002	Medium - 116cm	\$29.95
SER1229003	Large – 122cm	\$29.95
SER1229004	X-Large - 126mm	\$29.95



Lab Coats

These lab coats are available in 2 sizes and made of white polyester/cotton drill concealed pressstud fastenings, back vent and three large pockets. Small: length 95cm, Chest 58cm, Arm Length 42cm. Medium length: 100cm, Chest 60cm, Arm Length 46cm.

EIS0622C	Small	\$39.95
EIS0622A	Medium	\$42.95



Disposable Apron

These disposable aprons, available in child and adult sizes, are perfect for protection against water spills and low hazard experiments.

SER1044011	Child Size	\$19.95
SER1044035	Adult Size	\$24.95

75cm



Laboratory Safety Chart

Printed on polyart plastic sheet and fitted with plastic rollers, this classroom size laboratory safety chart highlights vital safety information and appropriate laboratory conduct. Size: 75 x 100cm.

EIS0598A \$29.95



Safety For Students Chart

This chart depictes the Do's and Don'ts of laboratory safety. Measures 76 x 52 cm.

SER1242002 \$9.95



Safety Screen with Wings

Safety screens are used in many chemistry and physics lessons to protect pupils and teachers from being struck by debris or objects from demonstrations. Made from perspex to ensure the protection of students and teachers. Measures 50cm x 61cm x 4mm.

\$199.95 SER1104048

Safety **Bulk Buy Gloves**

10 packs x 100 gloves **\$36**95

Save \$2.55





Clear Vinyl Powder-Free Gloves

These disposable clear vinyl gloves are comfortable to wear and powder free for easy application. They are great for laboratory use, food handling and general cleaning tasks. These gloves add a layer of protection and help keep the hands clean, preventing cross-contamination and allowing easy disposal.

GL100VXS-10 GL100VM-10 GL100VL-10 GL100VXL-10

Extra Small - Box of 1000 \$36.95 Medium - Box of 1000 \$36.95 Large - Box of 1000 \$36.95

Extra Large - Box of 1000 \$36.95

10 packs x 100 gloves

\$3695

Save \$2.55





Buy in bulk and save

Blue Vinyl Powder-Free Gloves

These disposable blue gloves are comfortable to wear and powder free for easy application. They are great for laboratory use, food handling and general cleaning tasks. These gloves add a layer of protection and help keep the hands clean, preventing cross-contamination and allowing easy disposal.

GL100VMB-10 GL100VLB-10 GL100VXLB-10

Medium - Box of 1000 \$36.95 Large - Box of 1000 \$36.95 Extra Large - Box of 1000 \$36.95

10 packs x 100 gloves \$65⁹⁵

Save \$9.05





White Nitrile Powder-Free Gloves

These nitrile gloves have excellent barrier protection, providing three times more puncture resistance than latex, and can be used in the home, classroom or kitchen. Improved technology allows thinner gloves to be manufactured, without sacrificing the gloves ability to effectively protect against oil-based chemicals.

GL100NWS-10 GL100NWM-10 GL100NWL-10

Small - Box of 1000 \$65.95 Medium - Box of 1000 \$65.95

Large - Box of 1000 \$65.95

10 packs x 100 gloves

\$65⁹⁵

Save \$9.05







Blue Nitrile Powder-Free Gloves

These nitrile gloves have excellent barrier protection, providing three times more puncture resistance than latex, and can be used in the home, classroom or kitchen. Improved technology allows thinner gloves to be manufactured, without sacrificing the gloves ability to effectively protect against oil-based chemicals.

GL100NBS-10 GL100NBM-10 GL100NBL-10

Small - Box of 1000 \$65.95 Medium - Box of 1000 \$65.95 Large - Box of 1000 \$65.95



EXCLUSIVE

XCLUSIVE



These nitrile gloves have excellent barrier protection, providing three times more puncture resistance than latex, and can be used in the home, classroom or kitchen. Improved technology allows thinner gloves to be manufactured, without sacrificing the gloves ability to effectively protect against oil-based chemicals.

GL100NWS Small - Pack of 100 \$7.50 GL100NWM Medium - Pack of 100 \$7.50 GL100NWL Large - Pack of 100 \$7.50



Clear Vinyl Powder-Free Gloves

These disposable clear vinyl gloves are comfortable to wear and powder free for easy application. They are great for laboratory use, food handling and general cleaning tasks. These gloves add a layer of protection and help keep the hands clean, preventing cross-contamination and allowing easy disposal.

GL100VXS	Extra Small - Pack of 100	\$3.95
GL100VM	Medium - Pack of 100	\$3.95
GL100VL	Large - Pack of 100	\$3.95
GI 100VXI	Extra Large - Pack of 100	\$3.95



Latex Gloves

These premium quality non-sterile, ambidextrous latex medical examination gloves are both protective and comfortable to wear . They provide an effective barrier from chemicals in a range of environments, making them perfect for use in science classroom or laboratory settings. Available in a range of sizes.

SER1016027	Light Powder - Small	\$10.95
SER1016028	Non-Powder - Medium	\$10.95
SER1016006	Light Powder - Large	\$10.95



These nitrile gloves have excellent barrier protection, providing three times more puncture resistance than latex, and can be used in the home, classroom or kitchen. Improved technology allows thinner gloves to be manufactured, without sacrificing the gloves ability to effectively protect against oil-based chemicals.

GL100NBS Small - Packs of 100 \$7.50 GL100NBM Medium - Packs of 100 \$7.50 GL100NBL Large - Packs of 100 \$7.50



Blue Vinyl Powder-Free Gloves

These disposable blue gloves are comfortable to wear and powder free for easy application. They are great for laboratory use, food handling and general cleaning tasks. These gloves add a layer of protection and help keep the hands clean, preventing cross-contamination and allowing easy disposal.

GL100VMB Medium - Pack of 100 \$3.95 GL100VLB Large - Pack of 100 \$3.95 GL100VXLB Extra Large - Pack of 100 \$3.95



Medium Polyethylene Gloves

These multipurpose polyethylene gloves are a comfortable, lightweight alternative to vinyl gloves. With a poly film that provides a barrier that protects hands against moisture and chemicals, and good dexterity, they are perfect for use in a science classroom or laboratory, or for general cleaning.

SER1016011 Medium **\$19.95** SER1016012 Large **\$19.95**



Nitrile Flock Lined Gloves

Nitrile, flock lined, non-sterile examination gloves which are latex free.

Small **\$59.95** SER1185001 SER1185002 Medium **\$59.95** SER1185003 Large \$59.95



Glove Dispensers

Dispenser for 1 or 3 boxes of gloves. Specially designed to go with our nitrile powder-free gloves. Mounting material included. Illustrated gloves not included.

DM0001 Single **\$9.95** DM0003 Triple **\$14.95**



Wall Mounted Glove Dispenser

This dispenser is designed to be mounted on the wall. It holds 3 boxes of gloves.

SER1016013 Fits 3 Dispensors \$69.95

Lab Consumables

Paper Towels



Dispenser for Large Paper Towel Roll Heavy Duty

This heavy duty stainless steel dispenser is suitable for the large paper towel paper roll size 18cm x 80m (SW3060).

SW3061

\$62.95





Extra Large Paper Towel Rolls 80m

This premium 1 ply large paper towel roll is easy to use and perfect for drying hands or in the nappy changing area. Suited for the heavy duty dispenser (SW3061).

SW3060 Pack of 16 \$55.95



Hand Towel Dispenser

Heavy duty dispenser SW3028 is suitable for interleave hand towel paper sheets size 20 x 25cm (SW3075).

SW3028

\$34.95





These premium quality, absorbent 1-ply paper hand towels are ideal for use in environments where hygiene is essential. They quickly and effectively dry hands after washing, and remove more germs than a hand dryer.

SW3075

20 Packs of 120 Sheets **\$29.95**



Hand Towel Dispenser

Heavy duty dispenser SW3071 is suitable for interleave hand towel paper sheets size 23 x 23cm (SW3070).

SW3071

\$54.95





These premium quality, ultra-slim, ultra-absorbent 1-ply paper hand towels are ideal for use in environments where hygiene is essential. They quickly and effectively dry hands after washing, and remove more germs than a hand dryer.

SW3070

16 Packs of 200 Sheets \$33.95

6

375ml

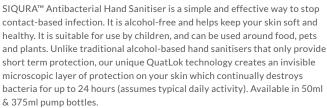
Set of 12

Save

\$745

SIQURA

Siqura Foaming Hand Sanitiser



SIQ1504-1 SIQ1504 SIQ1511-1 SIQ1511

50ml - Each \$4.95 50ml - Set of 24 \$109.95 375ml - Each \$8.95 375ml - Set of 12 **\$99.95**

Set of 24 Save **\$8**95







SIQ15011-1











Sigura Commercial Grade Surface Sanitiser

SIQURA™ Commercial Grade Surface Sanitiser is a simple and effective way to kill bacteria and protect surfaces for up to 30 days. It eliminates odourcausing bacteria and inhibits mould and mildew. It will destroy bacteria on the treated surface. Allowing the product to dry will also coat the surface with a microscopic protective layer for continuous protection. It is ideal for use around children, pets and plants. Comes in a 5 litre bottle ready to use.

SIQ1641 5 Litres \$49.95 SIQ1719 Empty Printed Spray Bottle - 500ml \$5.95



Sigura Hospital Grade Surface Disinfectant







SIQURA™ Hospital Grade Surface Disinfectant is a simple and effective way to kill bacteria and protect surfaces continually for up to 24 hours. It will destroy bacteria on the treated surface. Allowing the product to dry will also coat the surface with a microscopic protective layer for continuous microbial protection. It is ideal for use around children, pets and plants. Comes in a 5

litre bottle ready to use. SIQ1634 5 Litres \$56.95 SIQ1726 Empty Printed Spray Bottle - 500ml \$5.95

Oates Manual Soap Dispenser

This compact design is ideal for schools and centres. It is wall mountable with a drilling template included. The front window enables you to monitor the liquid level. Holds 900ml.

OT064 \$23.95



Pink Handwash

Pleasantly fragranted hand soap that has superb cleaning ability and is enriched with moisturising ingredients. Its non-clogging, non-corrosive formula is ideally suited to use in wall-mounted dispensers.

CLG029 5 Litres **\$20.95** CLG1001 5 Litre Pump \$x.xx **CLG029-1K** 500ml Printed Pump Bottle \$5.70 \$3.25



EXCLUSIVE



Oates Manual Foam Dispenser

Compact in design and great for schools and centres. Wall mountable with drilling template and comes with a front window to monitor the liquid level. 1000ml.

OT065

\$37.95



Pink Foaming Handwash

This pleasantly fragranted foaming hand soap has a superb cleaning ability and makes hand washing a more pleasant experience, encouraging better hand hygiene. Use with our automatic foam handwash dispenser or pump bottle.

CLG060 5 Litres **\$20.95** CLG1001 5 Litre Pump \$x.xx **CLG060-1K** 500ml Printed Pump Bottle \$5.70 \$3.25





Hazard Labels

GHS compliant hazard labels are used in science laboratorys so that anyone using or disposing of a certain substance can be aware of the environmental and health impacts. This allows students and teachers alike to safely use chemicals within the laboratory.

Get GHS compliant with pictograms



Flammable Label

SER1117005 SER1117023 SER1117024

20mm - Pack of 50 **\$9.95** 50mm - Pack of 48 **\$11.95** 100mm - Pack of 20 \$16.95



Oxidising Label

SER1117006 SER1117022 SER1117026

20mm - Pack of 50 **\$9.95** 50mm - Pack of 48 **\$11.95** 100mm - Pack of 20 **\$16.95**



Corrosive Label

SER1117008 SER1117019 SER1117025

20mm - Pack of 50 **\$9.95** 50mm - Pack of 48 **\$11.95** 100mm - Pack of 20 \$16.95



Irritant Label

SER1117011 SER1117017

20mm - Pack of 50 **\$9.95** 50mm - Pack of 48 **\$11.95**



Toxic Label

SER1117009 SER1117018 SER1117029

20mm - Pack of 50 \$9.95 50mm - Pack of 48 \$11.95 100mm - Pack of 20 **\$16.95**



Health Hazard Label

SER1117012 SER1117016

20mm \$9.95 50mm **\$11.95**



Environmental Toxicity Label

SER1117014 SER1117015 SER1117030

20mm \$9.95 50mm **\$11.95** 100mm **\$16.95**



Compressed Gas Label

SER1117007 SER1117020



20mm **\$9.95** 50mm **\$11.95**



Explosive Label

SER1117004 SER1117021

20mm - Pack of 50 \$9.95 50mm - Pack of 48 \$11.95

Chemical Cabinet Labels

Hazard stickers or dangerous good labels are used to inform users of the presence of dangerous chemicals within a storage cabinet. Ensure safety standards are met with MTA's range of Hazard Stickers, and clearly label your safety amenities with MTA's range of hazard stickers and signs.



Miscellaneous Dangerous Goods

SER1237056

50mm **\$39.95**



Dangerous When Wet

SER1237055 50mm **\$39.95**



Flammable Gas

SER1237072 50mm **\$39.95**

50mm **\$39.95**



Flammable Solid

SER1237054 50mm **\$39.95**



Spontaneously Combustible

SER1237058 50mm **\$39.95**



Toxic

SER1237059



Organic Peroxide

SER1237057

50mm **\$39.95**



Emergency Eye Wash

SER1237130A SER1237130

300 x 450mm **\$7.95** 600 x 450mm **\$7.95**



First Aid

SER1237131

600 x 450mm **\$7.95**



First Aid Station

SER1237144A SER1237144

300 x 450mm **\$7.95** 600 x 450mm \$7.95

Science **Safety Amenities**



First Aid Response Kit - High Risk Areas

Ideal general purpose First Aid kit for your science lab or other areas where you have higher risks for burn, eye and outdoor injuries. Includes Eye 'n' Wound, burn and outdoor modules for catering to specific injury risks in these areas. Complies with WHS 2015 Regulations for Workplaces, high risk 1-25 persons. Supplied in soft pack.

FA0006 \$179.95



First Aid MTA Education Response Kit

Complies with WHS 2012 Regulations for Workplaces, Loaded with ARTG registered quality hospital grade contents. Includes a portable soft pack with belt loops for those playground emergencies.

FA0001 \$139.95



EXCLUSIVE

First Aid Foodmax Kit

Ideal First Aid kit for kitchen and food handling areas. Complies with the Food Safety Act requirements. Any form of food handling demands the strictest hygiene regulations are enforced (Food Safety Act) and this kit contains the necessary contents to safeguard against avoidable litigation. Ideal for food handling and preparation areas where cuts and burns are prevalent. Includes metal cabinet 28.5(L) x 13(W) x 42(H)cm.

FA0005 \$209.95



HDPE Jerrycan

 $\label{thm:leavy} \mbox{ Heavy duty HDPE jerry cans, suitable for storage and transport of most}$ liquids. Available in 3 sizes, 1L, 2.5L & 5L. Use with lid (SER4001012). Jerrycan wedge seal cap is compatible with SER4001001, SER4001002, SER4001003.

SER4001001	38-410 - 2.5L \$3.95
SER4001002	38TE - 5L \$2.95
SER4001003	38TE - 1L \$2.50
SER4002015	38TE - 1L - with Cap \$9.95
SER4001012	Wedge Seal Can = 38-410 = Fit Jerrycans \$0.50



Evewash Station

Protect your students and staff with this wall mountable Eyewash Station. This unit is essential for when laboratory users come into eye contact with potentially harmful chemicals.

SER10	54014	Complete Wall Mount	\$99.95
SER10	69013	Refill	\$19.95
SER10	54013	Eyewash Solution - Sodium Chloride	\$4.10

Sharps Container

Sharps containers are essential in any laboratory, so that sharp objects may be disposed of accordingly.

\$11.95	Yellow Square - 1.7-2L	SER1016041
\$19.95	Yellow, NSL - 3L	SER1016044
\$18.95	Yellow, NSL - 3L	SER1016052
\$29.95	Yellow Square - 4-4.8L	SER1016242
\$29.95	Rectangular - 6.3L	SER1016154
\$39.95	10-12.5L	SER1016043
\$42.95	Disposable - 10 Litre	SER1016029
\$55.95	Yellow Round - 20-23L	SER1016049





Mount Bracket for Sharps Container - 1.4L

Mount bracket for 1.4L sharps container.

SER1016053 \$59.95



Dropper Bottles

These packs of 12 PET dropper bottles are perfect for holding solutions. Easy to use, refill and store, they are the perfect for all laboratory users.

NK50806	30ml - Pack of 12 \$5.95
NK50807	60ml - Pack of 12 \$8.95
NK50808	125ml - Pack of 12 \$12.95



Premium quality clear, round reagent bottles for use in science laboratories and food applications. With permanent markings and a chemical resistant cap these bottles are perfect for use and re-use! Dishwasher and heat safe for added use and convenience.

SER5003041	50ml \$6.95
SER5003034	100ml \$6.95
SER5003035	250ml \$6.95
SER5003036	500ml \$6.95
SER5003037	1000ml \$9.95
SER5003038	2000ml \$15.95
SER5003039	5000ml \$99.95



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1000 m

Reagent Bottle - Brown, Round

Premium quality brown round reagent bottles for use in science laboratories and food applications. With permanent markings and a chemical resistant cap these bottles are perfect for use and re-use!

Dishwasher and heat safe for added use and convenience.

SER5003042	50ml	\$19.95
SER5003043	250ml	\$29.95
SER5003044	500ml	\$39.95
SER5003046	1000ml	\$49.95



Reagent Bottle - Clear, Wide Mouth, Poly Stopper

SER1052483	125ml	\$4.95
SER1052439	250ml	\$6.95
SER1052440	500ml	\$7.95
SER1052495	1000ml	\$9.95



square reagent bottles for use in science laboratories and food applications. With permanent markings and a chemical resistant cap these bottles are perfect for use and re-

use! Dishwasher and heat safe for added use and convenience.

SER5003077	500ml \$5.95
SER5003078	1000ml \$6.95
SER5003079	2000ml \$7.95
SER5003080	5000ml \$13.95



laboratories and food applications. With permanent markings and a chemical resistant cap these bottles are perfect

for use and re-use! Dishwasher and heat safe for added use and convenience.

SER5003081	500ml	\$59.95
SER5003082	1000ml	\$59.95
SER5003083	2000ml	\$79.95
SER5003084	5000ml	\$349.95



Reagent Bottle - Amber, Wide Mouth

SER1052441 250ml **\$6.95** SER1052493 1000ml **\$11.95**



Reagent Bottle - Clear, Narrow Mouth

SER1052475	125ml \$4.95
SER1052436	250ml \$6.95
SER1007032	500ml \$7.95
SER1052476	1000ml \$11.95



Reagent Bottle - Amber, Narrow Mouth

SER1052477	125ml \$5.95
SER1052437	250ml \$6.95
SER1052438	500ml \$7.95
SER1052494	1000ml \$13.95

Glassware Beakers

Borosilicate Glass Beakers Bulk Pack - 240 pieces

High quality borosilicate beakers designed to withstand high temperatures and the harshest chemicals. High quality low form beakers at an affordable price, made in Europe from borosilicate for extreme durability in your laboratory. Designed to withstand high temperatures and the harshest chemicals. manufacturer, with over 175 years of experience manufacturing borosilicate glass. Kit contains 48 of each of the following borosilicate glass beakers: 50m, 100ml, 150ml, 250ml and 500ml.

EISKIT4 240 pieces \$879.95

\$994.80 **\$879**95

Save \$114.85

Buy more for even bigger savings



Beaker - Borosilicate Glass - Multipack

EIS11015	50ml - Pack of 12	\$32.95
EIS11011	100ml - Pack of 12	\$45.95
EIS11010	150ml - Pack of 12	\$39.95
EIS11012	250ml - Pack of 12	\$49.95
EIS11013	500ml - Pack of 6	\$39.95





Beaker - Low Form

High quality low form beakers, made in Europe from borosilicate glass for extreme durability in your laboratory. Designed to withstand high temperatures and the harshest chemicals. With . Dishwasher and heat safe.

permanent markings for continu	uous useability. Dishv
SER5003101	5ml \$5.95
SER5003100	10ml \$6.95
SER5003001	25ml \$6.95
SER5003002	50ml \$7.95
SER5003003	100ml \$7.95
SER5003004	150ml \$7.95
SER5003005	250ml \$8.95
SER5003006	400ml \$8.95
SER5003007	600ml \$9.95
SER5003008	800ml \$9.95
SER5003009	1000ml \$10.95
SER5003010	2000ml \$12.95
SER5003011	3000ml \$49.95
SER5003012	5000ml \$69.95





Beaker - Tall Form

700 600

500

400

300 200 1000

mil

High quality tall form beakers, made in Europe from borosilicate glass for extreme durability in your laboratory. Designed to withstand high temperatures and the harshest chemicals. With permanent markings for continuous useability. Dishwasher and heat safe.

SER5003102	25ml \$9.95
SER5003103	50ml \$4.95
SER5003104	100ml \$5.9 5
SER5003105	150ml \$6.95
SER5003099	250ml \$5.95
SER5003106	400ml \$6.9 5
SER5003098	600ml \$7.9 5
SER5003097	800ml \$10.9 5
SER1052396	1000ml \$10.9 5
SER5003107	2000ml \$14.9 5
SER5003108	3000ml \$49.95

Beaker - Low Form with Handle

High quality low form beakers with handle, made in Europe from borosilicate glass for extreme durability in your laboratory. Designed to withstand high temperatures and the harshest chemicals. With permanent markings for continuous useability. Dishwasher and heat safe.

SER5003013	250ml \$9.95
SER5003014	400ml \$11.95
SER5003015	600ml \$12.95
SER5003016	1000ml \$14.95









Buy in bulk and save



Test Tube - A Grade Borosilicate without Rim - Pack of 100



Buy in bulk and save



Test Tubes - 16 x 150mm - Set of 48

EIS0716R EIS0716WR

with Rim \$25.95 without Rim \$25.95

Test Tube - A Grade Borosilicate with Rim - Pack of 100

SER5003069	12 x 100mm	\$169.95
SER5003071	16 x 150mm	\$199.95
SER5003073	18 x 150mm	\$129.95
SER5003074	24 x 150mm	\$149.95



SER5003067



12 x 75mm \$169.95

16 x 150mm **\$199.95**

20 x 150mm **\$199.95**

Buy in bulk and save



Test Tube Holder - Grips, Wire

SER1010173 \$2.95



SER1052421	15 x 150mm \$77 .	95
SER1052425	16 x 150mm \$81.	95
SER1052422	18 x 150mm \$89.	95

Test Tube with Screw Cap - 16 x 125mm - Set of 24

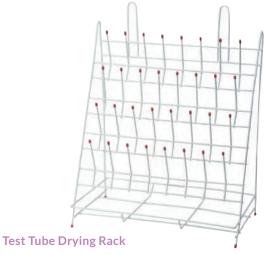
EIS0724-24 \$33.95



Test Tube Stand

Polypropylene and autoclavable, with 3-tier design. It provides a clear view of the tube contents & convenient insertion and removal of the tubes.

EIS0708B 1.6cm dia x 31 Tubes **\$9.95**



This drying rack can dry up to 28 test tubes at a time. It comes with a plastic tray to catch the water.

NK3001 \$39.95

Glassware **Measuring Cylinders**

Graduated Cylinders - Glass - Bulk Pack - 76 pieces

These graduated cylinders are made of borosilicate glass and have a round base with spout. They are used for measuring liquids and chemicals for use in reactions. The buck pack includes 4 cylinders of 10ml and 25ml, 8 cylinders of 50ml, 24 cylinders of 100ml and 250ml and 12 cylinders of 500ml.

EISKIT8

76 pieces **\$687.95**

\$723.30 \$68795 Save \$35.35



Graduated Cylinders -Glass - Pack of 2

EIS0344A	10ml \$9.1
EIS0344A1	25ml \$10.9
EIS0344B	50ml \$12.1
EIS0344C	100ml \$15.9 5
EIS0344D	50ml \$21.9 5
EIS0344E	500ml \$29.9 5



Measuring Cylinder - A Grade

SER5003056	10ml	\$16.95
SER5003057	25ml	\$17.95
SER5003058	50ml	\$17.95
SER5003059	100ml	\$17.95
SER5003060	250ml	\$18.95
SER5003061	500ml	\$25.95
SER5003062	1000ml	\$49.95



Measuring Cylinder - B Grade

SER1008118	5ml \$5.95
SER1052084	10ml \$5.95
SER1052085	25ml \$5.95
SER1052086	50ml \$5.95
SER1052087	100ml \$7.95
SER1052088	250ml \$10.95
SER1052089	500ml \$14.95
SER1052090	1000ml \$29.95
SER1052091	2000ml \$39.95



Measuring Cylinder - Glass, Poly Foot

SER1008190	10ml \$3.95
SER1008201	50ml \$6.95
SER1008205	25ml \$6.95
SER1008202	100ml \$6.95
SER1008203	250ml \$8.95
SER1008204	500ml \$11.95



Measuring Cylinder - Polypropylene

/ -/	
SER1012030	10ml \$2.10
SER1012031	25ml \$3.10
SER1012032	50ml \$3.70
SER1012033	100ml \$4.95
SER1012034	250ml \$6.70
SER1012035	500ml \$8.95
SER1012036	1000ml \$18.95
SER1012037	2000ml \$24.95



Bunsen Burner - Portable

Take experiments out into the field with MTA's portable bunsen burners. All the functionality of a bunsen burner, with added portability.

SER1224002	Cartridge	\$xx.xx
SER1019009	Tripod	\$xx.xx



Bench Mat - Silicone

Great new silicone protective bench mats. Smooth surface, no ridges, chemical and heat resistant and non-slip to prevent your experiments ending up on the floor!

SER1008091	150 x 150mm	\$xx.xx	
SER1008092	250 x 250mm	\$xx.xx	
SER1008090	400 x 300mm	\$xx.xx	



Bench Mat

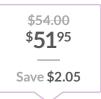
Protect your laboratory benches against stains and burns with these Bench Mats. With various sizes available they will sit perfectly under any bunsen burner and tripod set up.

SER1099022	100 x 100 x 5mm	\$xx.xx
SER1099090	225 x 225 x 5mm	\$xx.xx
SER1099024	300 x 300 x 5mm	\$xx.xx
SER1099054	500 x 500 x 5mm	\$xx.xx
SER1099056	600 x 900 x 5mm	\$xx.xx
SER1099091	400 x 300 x 5mm	\$xx.xx

Bunsen Burner Start Up Kit

These kits consist of one bunsen burner, one rubber tubing for the bunsen burner, a wire gauze and a tripod stand. The burner is equipped with a serrated inlet for connection to 6-8mm tubing. The tripod offers good stability and easy access. The wire gauze comes with a ceramic centre for an even distribution of heat.

EIS0093K LPG \$51.95 EIS0093K2 Natural Gas \$51.95







Bunsen Burner Rubber Tubing Kit

These kits consist of one bunsen burner and one rubber tubing for the bunsen burner.

EIS0093BTL	
EIS0093BTN	

LPG \$39.95 Natural Gas \$39.95



Triangular Tripods

General purpose tripods with sturdy contstruction.Measures 200H x 125W mm.

SER1019006 General - 200 x 125mm \$10.95 **SER1010168** General – 127 x 125mm **\$7.95 SER1212012** Stainless - 200 x 125mm **\$13.95**



Ceramic Centre Gauze Mats

Used on tripods to disperse heat from Bunsen burners. These stainless steel gauze mats are perfect for your laboratrory.

SER1052327	125 x 125mm	\$2.95
SER1010177	150 x 150mm	\$2.95
SER1010176	125 x 125mm	\$3.95



Stainless Steel Bent Edge Gauze Mat - 150 x 150mm

Used on tripods to disperse heat from Bunsen burners. Bent edge to fit tripods to prevent sliding off or being lost. Measures 150 x 150mm.

SER1010176A



\$3.95

Lab Essentials

Thermometers



Student Thermometers

A set of 12 glass student thermometers on a PVC base. The thermometers range from -40 to +50degrees Celsius. The thermometers measure 15cm approximately and do not contain any mercury.

EIS1200 \$29.95



Environmentally Friendly Thermometer

Measuring range -20°C to +110°C x 1°. Must be completely immersed for accuracy. Anti-roll device also included.

NK50032 \$4.95



This thermometer is ideal for the measurement of the temperature of liquids. It is an organic alcoholfilled instrument that measures a temperature range between 10°C and 100°C, and features a white back and 1 degree divisions for reading ease.

NK0906 \$3.25



Red Spirit Partial Immersion Thermometer - 300mm

Red Spirit, 300mm length, -10 to +110 $^{\circ}$ C x 1.0 increments, 76mm immersion.

SER1028003 \$4.95



Red Spirit Immersion Thermometer - 205mm

Red Spirit, 205mm length, -10 to +110°C x 1.0 increments, 76mm immersion, anti-roll top.

SER1028015 \$4.95



Green Spirit Immersion Thermometer - 300mm

Green spirit, 300mm length, -10 to +110°C, 76mm immersion, triangular anti-roll top.

SER1028001 \$4.95



Thermometer / Magnet Storage - ABS Plastic, Washable

Washable, plastic thermometer/Magnet Storage. Holds 10 Thermometers or magnets.

SER1052951 \$14.95



Thermometer Electronic

This thermometer can offer an accurate temperature without being placed in the mouth. 12cm in length.

This thermometer is powered by a button cell battery. This is a medical device and not a toy, it is not intended for unsupervised use by children.

DC50590 \$22.95



Thermometer (Non Contact)

With an 11:1 distance to spot size, you can get the temperature of almost the exact spot in most cases. Holster included. Specifications: response time: <150ms, temperature range: -50 to +650°C (-58 to +1202°F), optical resolution: 11:1, accuracy: +/-1% of reading, laser output: <1mW, dimensions: 140(L) x 104(W) x 43(H)mm.

SER1024121 \$159.95



Lab Essentials Retort Stand & Clamps Kit - Basic

A great starter pack for your science lab. This kit includes one of each: Retort stand with a base measuring $20 \times 12.5 cm$ and the rod measuring 60cm long and 11mm in diameter, a thermometer clamp, a retort clamp combined, a boss head, and a retort ring (7.5cm in diameter).

EISKIT1 \$71.95





Tongs - Beaker, Plastic Coated

Plastic coated beaker tongs for safe handling of beakers 100 - 1000mL capacity.

SER1014432 \$8.95



Tongs - Crucible, Stainless, 250mm

Stainless steel crucible tongs perfect for the safe handling of crucibles and other small lab equipment.

SER1010169 \$9.95



Base Retort Stand & Steel Rod Kit

A 50cm tall rod and retort stand kit ready for use in a number of science experiments. Clamps (sold separately) can be attached to hold glassware and more!

EIS0649K \$37.95



Boss Head

For use with laboratory stand, diecast alloy, accepts rod up to 1.6cm diameter, which are secured with nickel-plated brass tommy screws.

EIS0662 \$4.75



Beaker Tongs - 50-2000ml capacity

Nickel-Plated beaker tongs for handling beakers 50 - 2000mL capacity.

EISBT001 \$7.95



European Cross Clamp Bosshead

Alloy, cross clamp, European design, aluminium alloy with steel fastening screws. For 5-12mm diameter rods.

SER5003094 \$4.95



Clamp Retort Combined

Die cast alloy combined clamp retort with cork lined jaws. Boss head accommodates rods up to 15 mm diameter with the jaw opening 90 mm. This clamp retort holds items at a distance of 15 cm from support rod.

EIS0687



Crucible Tongs with Bow - Stainless Steel 20cm

General purpose tongs for safe handling of hot apparatus.

\$15.95 EIS0735F \$7.50

Lab Essentials Titration Accessories

Pipettes

Pipettes are designed to easily transfer accurate volumes of solutions. MTA's range of affordable, easy to clean and easy to read volumetric and graduated pipettes, will make any analytical task quick and efficient, regardless of the user.



Pipette - Volumetric, Glass, A Grade

SER5003217	1ml \$9.95
SER5003216	2ml \$10.95
SER5003215	5ml \$11.95
SER5003214	10ml \$12.95
SER5003213	15ml \$13.95
SER5003210	25ml \$14.95
SER5003211	50ml \$19.95



Pipette - Volumetric, Glass, B Grade

SER1052484	1ml	\$3.95
SER1052462	5ml	\$3.95
SER1052463	10ml	\$4.95
SER1052464	25ml	\$6.95
SER1052488	100ml	\$7.95



Pipette - Graduated, Glass, A Grade

SER5003218	1ml	\$5.95
SER5003219	2ml	\$2.95
SER5003220	5ml	\$2.95
SER5003221	10ml	\$6.95
SER5003222	20ml	\$9.95
SER5003223	25ml	\$9.95
SER5003224	50ml	\$6.95

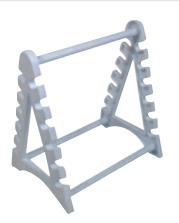


SER1529000	5ml :	\$53.95
SER1529002	10ml	\$53.95
SER1529001	25ml	\$53.95
SER1529012	Replacement Syrette - 5ml	\$14.95
SER1529013	Replacement Syrette - 10ml	\$15.95
SER1529014	Replacement Syrette – 25ml	\$16.95
SER1529025	Replacement Piston Kit	\$19.95



Extremely versatile pipette for transferring volumes quickly and accurately.

SER1529010	10ml \$46.95
SER1529011	25ml \$50.95
SER1529200	0.03 accuracy - 10ml \$69.95
SER1529201	0.03 accuracy - 25ml \$69.95



Autoclavable Horizontal Pipette Storage

These pipette stands are very stable, noncorrosive and virtually unbreakable.

SER1013001 Fits 12 **\$16.60**



Wooden Pipette/Thermometer Storage

This wooden pipette/thermometer storage holds 20 pipettes/thermometers in a vertical position.

SER1011070 20 Holes **\$34.95**



Circular Pipette Storage Stand

This ciruclar pipette stand holds 28 pipettes in a vertical position. Very stable, non-corrosive and virtually unbreakable.

SER1008002 Fits 28 **\$22.95**

Glass Burette with PTFE Stopcock

Designed for precision in analytical chemistry. High quality 50ml burette fitted with a teflon rotoflow valve, graduations that are very clear and permanent.

SER6007006 50 x 0.1ml **\$29.95** SER6007008 100 x 0.02ml \$39.95



Glass Burette with Glass Valve

Graduated 50ml burettes designed for precision in analytical chemistry

SER1052465 B Grade - 50 x 0.1ml **\$18.95**



Diji Burette

This innovative product provides all the functions of a burette with added benefits such as versatility and exceptional control. The burette provides high level of accuracy and can be preconditioned quickly and easily for reuse with different chemicals. Accuracy is not affected by bubbles in the burette.

SER1529006	50ml \$69.95
SER1529027	Replacement 50ml Burette Tube \$39.95
SER1529026	Replacement Magnetic Dart \$49.95
SER1529028	Replacement Seal 50ml Burette \$9.95



Replaces bulb pipettes and burettes for handling viscous and evaporative fluids with increased accuracy.

SER1529003	5ml	\$69.95
SER1529004	10ml	\$69.95
SER1529005	25ml	\$69.95
SER1529015	Replacement Syrette - 5ml	\$22.95
SER1529016	Replacement Syrette - 10ml	\$23.95
SER1529017	Replacement Syrette - 25ml	\$24.95



Burette Clamp - Poly

These clamps are built with quality and strength in mind.

SER1008172 Single **\$5.95** SER1008145 Double **\$7.95**



Diji Buretta

Burette Clamp - Double Fisher Style, Metal

SER1019003 \$12.95



Burette Drain/Storage Rack

MTA's wall or bench mountable plastic burette drain and storage rack with a handy 10 places allows you to dry and store your clean burettes for use the following day.

SER1011062A \$61.95

Lab Essentials

Magnifiers



View objects up close with this set of 12 magnifiers. Each magnifier measures 15.5cm long, with a diameter of 7.5cm. The magnification is 5x. Both the frame and handle are made of plastic. Perfect for little hands!

NK2804 Pack of 12 \$43.95



Jumbo Magnifiers with Stand

Observe on a grand scale with extra-large magnifiers, sized perfectly for small hands. Flip-out stands on each magnifier allow for engaged, hands-free viewing. Each magnifier's super-safe, plastic lens measures 11.5cm in diameter and offers 4.5x magnification. Set of 6 comes organised in a convenient stand. Magnifiers measure 20cm long.

LER2884 Set of 6 **\$79.95**



Hand Held Magnifier - 2x/4x Magnification

Popular Sherlock Holmes style magnifier. 100mm in diameter with additional spot lens. Magnification: 2x and 4x.

SER1098003 Set of 10 \$4.10



Giant Folding Magnifier

Hand held magnifier with 2x and 4x magnification. 100mm in diameter with additional spot lens. Strong rugged plastic handle moulded onto lens.

SER1153001 \$4.95



Foldable magnifier with grid markings.

Dimensions: 13Wx16Lx18H cm, magnification: 2.5x.

SER1153002 \$6.95



Magnification Sheet - 3X

A simple and effective tool for examining plants, rocks and insects, and to improve the legibility of maps, newspapers, books and other objects you would like to see in bigger format. This plastic magnification sheet has 3x magnification and measures 28(L) x 21(H)cm. Ages 3+ years

UB0089 \$9.95

Helping Hands Magnifier with Clip Magnifier Helping Hands Type, ideal aid for PCB assembly, soldering work, model making and any application where a third hand is needed. This helping hand magnifier has an LED light that provides continuous light for up to 10 hours. The two strong alligator clips can be adjusted in numerous ways to hold the board as you solder. Heavy cast iron base ensures added stability. Comes complete with a soldering iron holder. SER1024092 \$26.95



Microscope - Handheld, LED, 30x Magnification

30x Magnified handheld viewer, comes with built in light source and focusing wheel. Convenient for field work or on the go magnification.

SER1098004 \$15.95

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High quality junior microscope that is able to carry out all functions required of, for younger students to learn the basics of microscopy. Features: disc diaphram, high quality lens, 4/10/40x, 400x max/power, LED Light Source, fine and course focus.

SER1052630 4/10/40x **\$229.95**

Best seller!



High quality monocular microscope without the built in digital camera. This model has a modern triangular base design that aids in stability, LED lighting, fine and course focusing with mechanical stage, iris diaphragm, 10x eyepieces and 1.25 abbe condenser.

SER1122019 \$389.95

Best seller!

Binocular Senior Digital Microscope

High quality binocular microscope with built-in digital camera for whole class viewing on your

smart board or monitor. This model has a modern triangular base design that aids in stability, LED lighting, fine and course focusing with mechanical stage, iris diaphragm, 10x eyepieces and 1.25 abbe condenser.

SER1122025 4/10/40/100x \$999.95



Microscope Features: 20x & 40x dual magnification & light source, inclined body LED illumination with variable light control, dual LED light variable sources, 10x eyepiece wide field, objectives rotate 2x & 4x.

SER1122008 \$399.95



Features: 80x magnification and light source, inclined body LED illumination with variable light control, LED light variable sources, 10x eyepiece wide field

SER1122901 \$899.95



Wireless Digital Microscope - USB

This extraordinary wireless hand-held digital microscope/camera is easy to use; just connect it to your computer or even your smartphone, simply using the 10m covered WiFi, and start taking videos or photos.

FD079 \$114.95



Handheld Digital Microscope with Polariser

The Anyview USB Microscope with polarizer is a handheld colour digital microscope with high quality 2.0 megapixel image sensor. It is small, easy to operate and portable fun for professional application.

SER5006006 200x \$165.95







Digital Microscope - USB 5MP with Software

A USB microscope with a simple but incredibly useful stand that allows students to make fine adjustments to the vertical height of the microscope and swivel the scope arm around a 360 degree range. This permits a greater level of viewing accuracy and stability. On either side of the stand there are two metal holders to lock your object in place and a printed ruler to help you get an approximate feel for the length of objects. The optics built into this microscope are excellent. The sharpness of texture on magnified objects is incredible to look at. You will spend hours searching for things to magnify. It comes with a great piece of software for capturing 5MP (2592x1944) res JPGs, BMPs, TIFFs or PNGs and 1280x960 pixel AVI files. Compatible with WinXP/Vista/7/8, Mac 10.6-10.8. Magnification ratio: 10x, 300x (at 5MP res). Find full specifications on our website.

EL3199 \$239.95



Lab Equipment

Balances



Scout Education Balance - 2200g x 0.01g

Designed for education applications, the OHAUS Scout with large backlit LCD backed by education software is the ideal balance for your classroom. It is built to endure demanding classroom applications with superior overload protection. Features including faster stabilisation time, increased capacity, multiple connectivity options and stackable design make Scout the best weighing experience for the next generation classroom. 2200 x 0.01g, pan size: 170 x 140mm.

SERSKX2202 1200 x 0.01g \$699.95



Analytical Balance - 1600 x 0.01g

This balance offers accuracy and repeatability in essential weighing applications in laboratory, industrial and education settings. The balance has a capacity of 1600g with readability of 0.01g.

OHAUPR1602E \$949.95



Analytical Balance - 4200 x 0.1g

This balance has a capacity of 4200g with readability of 0.1g. Features include RS232 connectivity for easy communication, and a backlit display and a simple interface for uncomplicated operation.

OHAUPR4201E \$849.95



Analytical Balance - 2200 x 0.01 g

This balance has a capacity of 2200g with readability of 0.01g. It is designed for routine weighing applications in your workplace.

OHAUPR2202E \$949.95



Analytical Balance - 6200 x 0.1g

This balance has a capacity of 6200g with readability of 0.1g. It delivers competitive performance at an economical price.

OHAUPR6201E \$899.95



Analytical Balance - 4200 x 0.01g

This balance has a capacity of 4200g with readability of 0.01g. It offers accuracy and repeatability in essential weighing applications in laboratory, industrial and education settings.

OHAUPR4202E \$999.95

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The Pioneer 423/E offers uncomplicated performace for all basic weighing needs. The balance has a capacity of 420g with readability of 0.001g.

OHAUPR423E \$999.95



Analytical Balance - 520 x 0.001g

The balance has a capacity of 520g with readability of 0.001g. Featuring RS232 connectivity for easy communication, and a backlit display and a simple interface for uncomplicated operation, the balace is perfectly designed for your workplace.

OHAUPR523E \$1,199.95



Analytical Balance - 120 x 0.0001g

Designed for routine weighing applications, this balance offers accuracy and repeatability in essential weighing applications. The balance has a capacity of 120g with readability of 0.0001g. Internal calibration is included for PR124.

OHAUPR124 OHAUPR124E IC -120 x 0.0001g \$1,699.95 120 x 0.0001g \$1,599.95



Analytical Balance - 220 x 0.0001g

This balance delivers competitive performance at an economical price. The balance has a capacity of 220g with readability of 0.0001g. Internal calibration is included for PR224.

OHAUPR224 OHAUPR224E IC - 220 x 0.0001g \$1,699.95 220 x 0.0001g \$1,599.95







Starter Pen Meter 0 - 1999 us/cm

This is a compact pen meter that provides fast and convenient measurement. Measurement range is 0-1999 us/cm.

OHAU20CB

\$179.95



Starter Pen Meter 0.00 - 19.99 us/cm

This is an economical pen meter that offers simple and fast operation. Measurement range is 0-19.99 ms/ cm.

OHAU20CC \$179.95



Starter Pen Meter 0.0 - 1000 Mg/L

This is a compact pen meter designed for fast, convenient electrochemistry measurement at your fingertips. Measurement range is 0-1000 mg/L.

OHAU20TB \$179.95



pH/Temperature Pen Meter

High quality meter, from a reliable brand, at an affordable price. This Pen Meter is perfect for any lab or classroom.

SERST20 \$149.95



pH Meter with Temp and pH **Probe**

This is a reliable benchtop pH meter with product features such as built-in electrode arm and auto buffer to avoid errors. It offers a 2 point calibration with measurement resolution of 0.01pH.

OHAU2100F \$649.95



Waterproof TDS Pen Meter

High quality meter, from a reliable brand, at an affordable price. This Pen Meter is perfect for any lab or classroom.

SER5009601 \$81.95



Portable Digital Turbidity Meter

High quality meter, from a reliable brand, at an affordable price. This Pen Meter is perfect for any lab or classroom.

SER5009900 \$529.95



Bench Meter - pH / ORP -2 16 1999mV-1999mV

Measure pH, Temperature and Oxygen Reduction Potential (ORP) with high accuracy using this Benchtop pH/ORP meter.

SERST3100-B \$899.95



Bench Meter - Multi, Conductivity / TDS / Salinity / pH

Measure pH, Temperature and Voltage with high accuracy using this Benchtop multimeter.

SERST3100M-F \$1,399.95





High Quality Bench Meter - pH 0.001

Accurately measure the acidity or alkalinity of solutions with this high quality pH bench meter.

SERST5000-B \$1,499.95

Incubator - 30 Litre

A laboratory must have item, this 30L incubator has an intelligent temperature controller to make temperature control accurate and reliable. With an easy to read LCD display and easy to clean round angle structure.

SER3008003 \$999.95



Refrigerator -Economy, Glass Door, 145L

Economy Laboratory Refrigerator that meets the general purpose laboratory requirements for storing and testing of non critical products. Temperature is precisely controlled electronically between +4C and +10C in ambients up to 32C.

SER1023401 \$3,399.95



Refrigerator - Economy, Solid Door

Economy Laboratory Refrigerators that meet the general purpose laboratory requirements for storing and testing of non critical products. Temperature is precisely controlled electronically between +4C and +10C in ambients up to 32C.

SER1023400 130L **\$1,549.95** SER1023403 240L **\$3,799.95**





Freezer - Economy, 20c

Economy upright freezers ideal for samples requiring storage at -20C. Fitted with digital LAE controllers, High and low alarms standard,

SER1023500 90L **\$2,899.95** SER1023501 181L **\$3,599.95**





SER1023501



Lab Equipment Prep Room Essentials



Autoclave Sterilizer - Electric

MTA's high grade stainless steel sterilizers use saturated steam to rapidly and efficiently sterilize a wide range of items.

SER1052962 24L - TT&BR \$1,099.95 SER1052965 18L - TT&BR **\$899.95**



Hot Plate with Stirrer - Max Temp 500°C

The OHAUS Basic Mini Hotplate-Stirrers are rugged, compact units that heat and stir up to 1000mL of liquid. Ceramic tops feature a chemical resistant white reflective top plate that is easy to clean. Pan size: 10.2 x 10.2 °Cm. Max temp: 500°C. Stirrer: 100 - 12000rpm.

SER1004603 \$399.95



Autoclave Indicator Tape - 50m Roll

Adhesive tape used in sterilization by autoclaving. Works by changing colour to indicate when a specific temperature, typically 121 deg C, has been reached.

SER1052751 \$8.95



Autoclave Bag - 40 x 60cm

Labelled Polypropylene biohazard bags that are impermeable to steam, perfect for autoclaves or sterilizers for bio-waste treatment and disposal.

SER1052750 \$36.95



Spin Bar - Magnetic Stirrers

Plastic coated magnetic stirrers. Available in 4 different sizes.

SER1097004 20 x 8mm \$4.95 SER1097015 33 x 7mm \$5.30 SER1097005 40 x 10mm \$5.95 SER1097003 60 x 9mm **\$8.95**



Hot Plate - Max Temp 500°C

The OHAUS Basic Mini Hotplates are rugged, compact units that heat up to 1000mL of liquid. Ceramic tops feature a chemical resistant white reflective top plate that is easy to clean. Pan size: 10.2 x 10.2 °Cm. Max temp: 500 °C

SER1004600 \$289.95



Magnetic Mini Auto Stirrer - 100-1200rpm

OHAUS Mini Stirrers are rugged, compact units that can stir up to 1000 ml of water at a rate of 100-1200rpm. These stirrers are ideal for educational and other lab environments that require consistent stirring. Pan size: 10.2 x 10.2°Cm, overall Size: 20.1 x 15.2 x 12.7°Cm.

SER1004602 \$299.95



Simmerstat Hot Plate

A 240V.AC. 600 watt general purpose laboratory hot plate. 'Simmerstat' temperature control provides heat adjustment from zero to full over a scale from 1 to 10, reaching temperatures of 450deg.C. at the highest setting. Ideal for general laboratory use.

SERCH1920-001 Alloy \$349.95 SERCH1921-001 PTFE \$384.95



Alloy Simmerstat Hot Plate & Stirrer

Magnetic Stirrer and Hot Plate combination with 'Simmerstat' temperature control. Front panel provides the user with mains switch, heat control and speed control for stirring. Alloy top plate measures 200x180mm.

SERCH2090-001 \$499.95



PTFE Simmerstat Hot Plate & Stirrer

A PTFE Magnetic Stirrer and Hot Plate combined with 'simmerstat' temperature control. Front panel provides the user with mains switch, heat control and speed control for stirring. Rectangular, high temperature alloy top plate 200x180mm with PTFE (Teflon) coating to resist corrosion and for easy cleaning.

SERCH2091-001 \$599.95



Alloy Thermostat Hot Plate

This hot plate features 'thermostat' temperature control from 50 to 320°C. The hot plate is alloy and measures: 200 x 180mm.

SERCH1922-001 \$499.95



Alloy Thermostat Hot Plate & Stirrer

Magnetic Stirrer and Hot Plate combined with 'thermostat' temperature control. Front panel provides the user with mains switch, thermostat heat control from 50 to 320°C, and speed control for stirring. The high temperature alloy top plate measures 200x180mm.

SERCH2092-001 \$629.95



PTFE Thermostat Hot Plate & Stirrer

A Magnetic Stirrer and Hot Plate combined with 'thermostat' temperature control. Front panel provides the user with mains switch, thermostat heat control from 50 to 320°C, and speed control for stirring. High temp, PTFE coated alloy top plate measures 200 x 180mm.

SERCH2093-001 \$699.95

Lab Equipment Prep Room Essentials

Still - Water - 4L/hour

This efficient coil condenser made from borosilicate glass is fitted with a 3kW chromium plated heater, producing distillate flow rates up to approx. 4 litres / hour, with a thermostatic cut off for safety. Its robust metal stand allows bench or wall mounting.

SER1157003 SER1052956

Glass **\$799.95** Stainless Steel \$499.95





Water Bath - Economy - Racks & Lid - 8L

This might just be one of the best laboratory water baths for the money. It Includes an automatic shut off and can hold temperatures within 0.2°C. Also includes a stirrer and one stainless steel rack that converts to hold 4x 250ml beakers or 15x 25mm and 15x 16mm test tubes and comes with a lid included. Internal: 29L x 23W x 15H mm.

SER1052922 SER1052922NS

With Stirrer, Racks & Lid \$699.95 Without Stirrer, Racks & Lid \$649.95



Water Bath - Uncirculated, Digital

Features adjustable temperature range up to 100 deg.C, Accurate digital solid state temperature controller, Durable Colorbond construction, Seamless stainless steel tank with radial corners, Carry handles fitted as standard, Perforated Removable floor, Custom baths available on request.

SER1023610 12L **\$1,529.95** SER1023620 24L **\$1,699.95** SER1023630 48L **\$2,479.95**









Mini Vortex Mixer

This vortex mixer offers variable speed control. Cup head and 3-inch accessory platform is included. It can be used for re-suspending liquids, mixing reagents, buffers, emulsions, ELISA assay and more.

OHAUVXMNAL \$399.95 **SERVXMPAL** \$899.95

NEW



Microplate Vortex Mixers are designed specifically for continuous duty throughout the speed range. The high-speed and small orbit of these mixers make them optimal for effectively mixing microplates. Cup head for mixing single tubes is also included. Continuous orbit: 3.5 mm, speed range: on mode 300 – 2500rpm; touch mode: 300 – 3500rpm capacity: 2 microplates, dimensions: 11.4 cm x 26.7°Cm x 13.7°Cm.



This is a small but powerful mini centrifuge for simple and quick liquid separation. With an 8 place 1.5/2mL tube rotor, this centrifuge provides easy and safe operation for your everyday quick spin-down applications.

OHAUFC5306 \$369.95



Heat Controlled Heating Mantle - 6 x 500ml

A set of 6 heating mantles, each with a 500mL capcity and individual thermometer adjusters. Capable of heating up to 6 mantles at one time.

SER1052913 Set of 6 \$699.95

Heating Mantle Flask

Easily and consistently heat up liquids with these heating flasks.

SER1052912 100ml Flask **\$249.95** SER1052909 250ml Flask **\$279.95** SER1052910 500ml Flask **\$249.95** SER1052911 1000ml Flask \$319.95



Lab Equipment **Biology Essentials**

Dry Block Heater with Digital Heating Mantle

Offering exceptional temperature uniformity and stability. This model offers stability down to 0.1°C. Applications include incubation, enzyme activation and much more. Heats up to 120°C.

SER1004604 1 Block \$899.95 SER1004606 2 Block **\$969.95** SER1004608 4 Block \$1,099.95 SER1004610 6 Block \$1,249.95









Dry Block Heater with Analog Heating Mantle

Multi-purpose dry block heaters are ideal for applications that require temperature stability. Heats up to 150°C.

SER1004605 1 Block \$809.95 SER1004607 2 Block **\$859.95** SER1004609 4 Block **\$969.95** SER1004611 6 Block \$1,099.95









Sand Bath for Dry Block Heater

Blocks are anodised to resist corrosion and rust for long-term use in the lab.

SER1004625 SER1004624 SER1004623 SER1004622



1 Block Unit \$349.95 2 Block Unit \$369.95 4 Block Unit \$389.95 6 Block Unit **\$399.95**

Dry Block Heater Module Block for Vials

These blocks feature a thermometer well for measuring block temperature. Well depth: 45mm. Material: aluminium anodised.

SER1004618 SER1004621 SER1004620 SER1004619



For Vials 16 mm \$159.95 For Vials 21 mm \$159.95 For Vials 23 mm **\$159.95** For Vials 25 mm **\$159.95**



Dry Block Heater Module Block for 10mm Test Tubes

This block features a thermometer well for measuring block temperature. number of wells: 24, well diameter: 10.7 mm, well depth: 48.4 mm, size: 1 block, material: aluminium anodised.

SER1004612

\$159.95



Dry Block Heater Module Block for 17-18mm Test **Tubes**

This block features a thermometer well for measuring block temperature. Model type: 17-18 mm, number of wells: 12, well diameter: 19.1 mm, well depth: 48.4 mm, size: 1 block, material: aluminium anodised.

\$159.95

SER1004613



Dry Block Heater Module Block - Micro Tube Combo

This block features a thermometer well for measuring block temperature. Model type: micro tube, number of wells: 21, well diameter: 11.5mm; 11.1mm; 7.9mm, well depth: 38.1 mm; 39.1 mm; 27.6 mm, size: 1 block, material: aluminium anodised.

SER1004614 \$159.95



Dry Block Heater Module Block for 2.0mL Test Tubes

This block features a thermometer well for measuring block temperature. Model type: 2.0 ml tube. number of wells: 20. well diameter: 11.5 mm, well depth: 38.1 mm, size: 1 block, material: aluminium anodised.

SER1004617

\$159.95

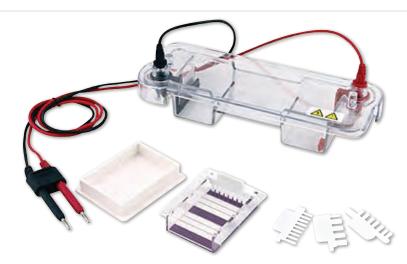
30



Electrophoresis Horizontal Tank

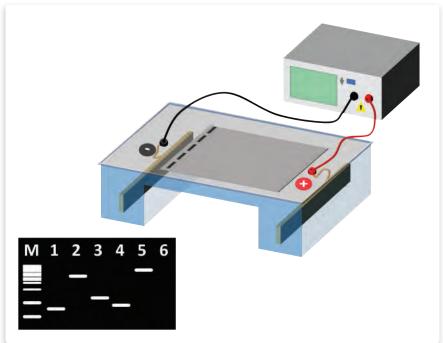
Horizontal electrophoresis is a basic technique used in molecular biology research. A new addition to the new curriculum, and brand new to MTA, this electrophoresis tank and accessory set is perfect for DNA detection, separation and analysis.

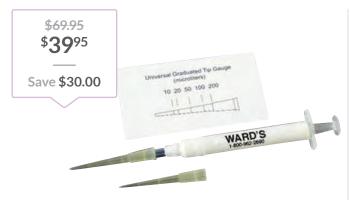
BIOETH1 \$299.95



This affordable kit features

- A gel electrophoresis tank, cassette, various combs with different well quantities and electrodes with leads for use with an electrophoresis power supply (not included).
- Use with an abundant buffer not only guarantees cooling effects, but also keeps the pH value stable and constant during the whole experimental process.
- Dismountable electrodes make maintenance easily.
- The PC transparent top lid prevents liquid volatilisation and electricity leakage
- Auto-switch off when the lid is removed for added safety.





Micropipette - 10/20/50/100µl

Measure and transfer small amounts (10, 20, 50, 100, and 200 μ L) of liquid with MTA's inexpensive micropipette. Each tip is graduated for accurate measurements, and the built-in stop at 100 μL prevents any overflow into the tip adapter.

SER1139073 \$39.95



Electrophoresis Power Supply

Power up your Electrophoresis tank.

SER1139100 \$389.95

Modelling Molecular Modelling



MolecModels3D - Organic Introduction Set

This set includes hydrogen, carbon, oxygen, chlorine, nitrogen and sulphur atoms. The set comes with 62 links and an instruction sheet.

SER1021001 \$38.95



MolecModels3D - Organic Student Set

This set includes hydrogen, carbon, oxygen, nitrogen, sulphur, phosphorous and general metal atoms. The set contains 64 links, link remover tool and an instruction sheet.

SER1021008 \$36.95



MolecModels3D - Organic Teacher Set

The set includes hydrogen, carbon, oxygen, chlorine, nitrogen, sulphur, phosphorous and metal atoms. The set contains 140 links, link remover tool and an instruction sheet.

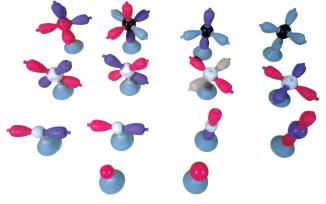
SER1021003 \$39.95



Atomic & Molecular Model - Large Set

A great set for organic and inorganic molecular models. Kit includes: 8 Carbon, 15 Hydrogen, 4 Nitrogen, 6 Oxygen, 2 Sulphur, 1 Phosphorous, 6 Halogen, 8 metal (4 different types) and links.

EIS00604 \$54.95



MolecModels3D - Atomic Orbital Set

The perfect modelling set to introduce and explore sigma and pi molecular bonding orbitals and the concept of hybridisation and delocalisation.

SER1021057 \$47.95



MolecModels3D - Biochemisty Student Set

An excellent resource for introducing and exploring the chemical make-up of molecules in biochemistry. Set contains 82 atoms and 40 links.

SER1021010 \$34.95



MolecModels3D - Biochemistry Teacher Set

An excellent teaching resource for introducing and exploring the chemical make-up of molecules in biochemistry. Set contains various atoms and links.

\$73.95 SER1021007



MolecModels3D - Cholesterol (Biochemistry)

This biochemistry set includes carbon and oxygen atoms. The set comes with linkages and instruction sheets.

SER1021308 \$36.95



Model - DNA

Model showing segment of DNA molecule, along with mechanisms of replication. Also shows the double helix coiling and reforming, nucleotides and how the molecule is shaped and bond angles are distorted.

SER1172500 \$143.95 SER1172503 \$146.95



Model - RNA

replication. Also shows the double helix coiling and reforming, nucleotides and how the molecule is shaped and bond angles are distorted.

Model showing segment of DNA molecule, along with mechanisms of



Plant Cell Model - Enlarged 10,000 times

This model shows the features of a simple plant cell which is magnified approximately 10,000 times. Organelles are raised and some are bisected to show internal structures. Size 29 x 20cm.

EISM0009 \$99.95



Animal Cell Model

Enlarged 20,000 times, the model shows animal cell in great detail. Display includes nucleus, endoplasmatic reticulum, mitochondria, ribosomes, golgi apparatus and more.

EISM0002 \$179.95



Dicot Plant Leaf Structure Model

This model is 700 times enlarged. Sectioned in both transverse & longitudinal direction showing the microscopic structure.

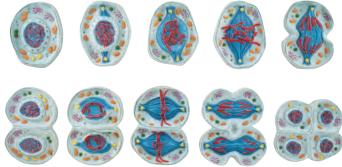
SER1066510 \$139.95



Mitosis Models

The brightly coloured models display each stage of mitosis in great detail. Chromosomes and centromeres are easily identifiable and explain each step of cell division.

EISM0008 Set of 8 **\$129.95**



Meiosis Models

Robust models illustrating the process of meiosis cell division. The chromosomes are painted to allow easy identification. Size 71 x 40 x 4cm.

EISM16082 Set of 10 \$179.95

Modelling **Earth Science Models**

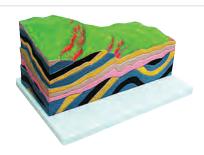


Model - Fossil History of Life on Earth

A Fossil History is an exciting product designed to help students understand how life has changed over vast periods of Geologic time. Illustrations and fossils include both marine and terrestrial life forms from the Pre-Cambrian through the present. Eons, eras, periods, epochs and years are clearly shown on the chart.

SER1003109

\$281.95



Stratification of Earth's Crust Model

This model shows the layering that occurs in rocks formed at the earth's surface. Size: 33x23x14cm.

SER1066605 \$129.95



Model of Earth's Internal Structure

This model shows Earth's internal structure. It shows Earth's crust, mantle, the outer centrosphere and the inner centrosphere. The model is 32cm in diameter.

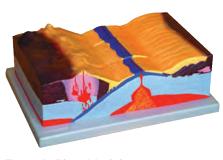
NK0201 \$99.95



Globe Model Earth - Cross Sectional

This model with 7 detachable parts shows the interiors of earth. When layers one by one are removed you can find the periphery of each layer.

EISBD007 7 pieces **\$329.95**



Tectonic Plate Model

This model represents active and passive margins, ocean ridges with rift valley, benjoff plane, oceanic trenches, continental shelf and slopes. Base size: 53 x 38 x 25cm.

SER1313045 \$199.95



Model - Geology Faults & Folds

This model set is composed of 8 pieces, which represent typically important folds and faults that can be found on the Earth crust. They are useful to understand the difference between plastic and elastic behaviour of a rock.

SER1066604 Set of 8 \$xxx.xx

Geological Changes Kit

Learn about Earth's geological changes with this curriculum kit. See what the inside of a volcano looks like, learn about fractures, faults and dislocations caused by moving Earth plates and see how you can measure the magnitude and duration of an earthquake with the seismograph. Kit includes: Volcano model (NK1711), Seismograph (EIS0014) and Fractions, Fault & Dislocation model (NK1706).

ESC010E

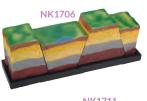
\$330.95

Seismograph Model

This seismograph model creates a visual representation of the shock waves generated by an earthquake. It can be used to teach both mathematical and geological concepts. The base of the model measures 30(L) x 15cm(W).The illustrated pencil is not included, any pencil of similar size can be used.

EIS0014 \$74.95







\$347.85

Save \$16.90

Volcano Model

This vertical section of volcano illustrates how the extremely hot magma flows from under this Earth's crust to the top. This sturdy and durable model is mounted on a base and has a numbered legend. The model measures 43(W) x 43(L) x 17(H)cm.

NK1711

\$149.95



Earth, Sun and Moon Model

This working model of the Sun, Earth and Moon demonstrates the basic relationships of rotation, night and day, seasons and phases of the Moon by moving the arm of the Moon or Earth by hand around the LED illuminated Sun. Powered by 2 'AA' batteries (included). Size: 44 x 21 x 27cm. Ages 6+ years

EIST008SM \$153.95



Planetarium - Orbiter Solar System

This heliocentric (sun-centered) solar system shows the motions of the planets, their relative sizes, and relative distances from one another. All planetary orbits, including asteroid belt, are included. Set the planets month by month. Watch the inner planets speed around the sun while the outer planets seem to move ever so slowly in space.

SER1003170 \$83.95



Motorised Solar System

 $\label{thm:complete} \textbf{Explore space with this motorised solar system, complete with eight planets,}$ the sun, star dome and Earth's moon! Set up the solar system to see Mercury, Venus, Earth, and Mars rotating slightly faster than Jupiter, Saturn, Uranus, and Neptune, just like they do in space. Turn off the lights and project a planetarium-style star show on the ceiling! Batteries required (not included).

EN5287 \$79.95



Model Milky Way

This intricate transparent model clarifies the relationship of the Earth and our Galaxy. Accurately locates and names the spiral arms, our Sun, our Solar System and major star clusters. Illustrated booklet included.

SER1052972 \$159.95

Physics

Power Supplies

Power your physics lab

Power Supply - 2-12V 5.5A AC DC

This is a compact general purpose power supply to provide switched AC and DC voltages at 2, 4, 6, 8, 10 and 12V. AC and DC at about 5 to 6A.

SERLB2633-001

\$179.95



Power Supply - 1 Ampere

A compact regulated power supply offering 1.5, 3, 4.5, 6, 9, 12 Volts atcurrents upto 1 Amp. Both DC and AC outputs may be used simultaneously up to rated output. The unit is short circuit & overload protected with 0.4 Amp. fuse on the back panel. Complete with moulded mains lead and plug. Operates on 220 V AC / 120 V AC 50 Hz. Size 18 x 14 x 10 cm

EIS1323A

\$114.95



Power Supply 0-25V AC DC 6-10A with Digital Voltmeter

This is a robust and compact unit suitable for most laboratory experiments where large current and smooth adjustment from 0 to 25 volts of both AC and DC is required.

IEC2641002

\$699.95

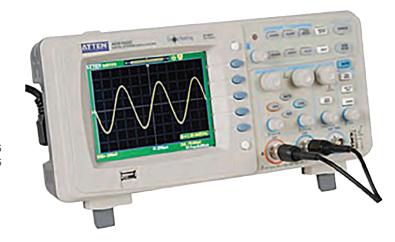




Oscilloscope - Dual Trace Digital - 20Mhz

A high quality economic double channel analog oscilloscope for processing and analysing the waveform and bandwidth of electronic signals. Display these as a graph as a function of time.

SER1149001 Oscilloscope \$749.95 SER1137001 Oscilloscope Connector, BNC \$11.95





Signal Generator - Dual Sound Wave

This dual sound wave generator provides two sources of oscillating, sine, triangle or sawtooth waveforms from one microprocessor. These waves can be perfectly in phase or shifted in frequency and phase relative to one another.

SER1052320 \$479.95



Signal Generator - Tri-Mode Type

This tri mode signal generator functions as a regulated power supply, a signal generator and an audio amplifier with oscilloscope output and internal speaker making it an value for money laboratory essential item.

SERLB3758-001 \$699.95



Oscilloscope - Microphone BNC Connector

Designed for use with an oscilloscope, this microphone can be used for a variety of sound based experiments.

SER1024024 \$41.95



Microphone - Oscilloscope and Signal Generator

Demonstrate wave forms of sound easily on the oscilloscope without the use of amplifier with this oscilloscope signal generator,

SER1104008 \$34.95



Physics Multimeters

Multimeters

Multimeters are a must have in every lab! These cool tools are able to work as a voltmeter, ammeter and as an ohmmeter, allowing you to measure voltage, current and resistance in any electrical circuit. In our range you will find both analogue and digital Multimeters. Let your students learn the basics of electricity with these easy to use Multimeters.

Dual Range Volt & Amp Meter

A versatile, dual range Volt & Amp meter, that measures both Volts and Amps. Simply slide the selector from A to V to change between Amps and Volts. Amps: 5A / 1A / 100mA / 100uA, Volts: 50V / 10V / 1V / 100mV.

SER1052023

\$29.95





This digital multimeter has a large, easy to read LCD screen with a maximum reading of 1999. It has full range overload protection and automatic negative polarity indication. The multimeter is powered by a 9V battery and comes with test leads and low battery indication, the power will automatically be cut off when the multimeter hasn't been used for 15 minutes. It also has a stand, and the screen position can be adjusted for easy viewing at different angles.

NK0411 \$25.95



Digital Multimeter

This full feature digital multimeter with plug-in 0.4cm probes and transistor tester is the ideal first multimeter for any classroom. The meter. Features 3.5 digit, 1.25cm high LCD display, transistor test, diode test and 10amp current plug-in leads.

EL1500 \$16.95

38

Voltmeters

A Voltmeter is an instrument used for measuring the electrical potential difference between two points in an electrical circuit. Our wide range of Voltmeters includes both analogue and digital devices. In our range you will find single, double and triple range Voltmeters. MTA has all the essential Voltmeters for your classroom.



Voltmeter - Double Range - DC 0-50-500Mv

A double range voltmeter that can measure direct currents ranging from 0-50 millivolts, and 0-500 millivolts.

SER1040013 \$29.95



Voltmeter - Student - Double Range - AC 0-12-36V

A double range student voltage meter that can measure an alternating current. This voltmeter can measure from 0-12 volts, as well as 0-36 volts.

SER1040020 \$29.95



Voltmeter

An analogue DC voltmeter used for measuring electric potential in volts. Measuring range: -0-15V

EIS1080A \$19.95



- Double Range - DC 0-2-20V

A double range voltage meter which can measure direct currents ranging from 0-2 volts, and 0-20 volts

SER1040006 \$29.95



- Double Range - DC 0-1-10V

This double range voltmeter can read direct currents ranging from 0-1 and 0-10 volts.

SER1040014 \$29.95



Voltmeter - Digital - 0-19.99V Range

A digital voltage meter, which will allow you to measure voltage use from 0 - 19.99 volts. Displays the voltage in a numerical format, which will allow for easy reading.

SER1040035 \$69.95



Voltmeter

Quality voltmeters that measure electrical potential difference in electrical circuits.

SER1040007 SER1040016

Single Range - AC 0-20V **\$34.95** Centre Read - DC 10-0-10V \$34.95

Physics Voltmeters & Ammeters

Ammeters

An Ammeter is used to measure the current of a circuit. Find all the high quality ammeters that MTA has to offer right here.



Ammeter - Digital

These digital ammeters are useful for measuring electrical current in a circuit, with an accuracy of +/-2.5%. Features Low battery indicator, Overload protection, and Automatic Negative Polarity indication. Uses 4 AA Batteries.

SER1040037	DC 0-199.9mA \$69.95
SER1040034	AC/DC 0-19.99A \$69.95
SER1040004	AC/DC 0-19.99A \$34.95



Ammeter - Single Range

These single range Ammeters feature a standard centre pole moving coil, with construction incorporating rectifiers and housed in a sloping front plastic case. Mirror backed scales for more accuracy in reading, up to +/-2.5%. Also features colour coded 4mm input terminals.

SER1040002	AC 0/5A \$34.95
SER1040001	DC 0/5A \$34.95
SER1040022	AC 0-10A \$43.95



Ammeter - Double Range

These double range Ammeters feature a standard centre pole moving coil, with construction incorporating rectifiers and housed in a sloping front plastic case. Mirror backed scales for more accuracy in reading, up to \pm -2.5%. Also features colour coded 4mm input terminals.

SER1040011	AC 0/50/500mA \$34.95
SER1040019	AC 0/1/5A \$34.95
SER1040018	DC 0/50/250mA \$34.95
SER1040005	DC 0/50/500mA \$34.95
SER1040017	DC 0/1/5A \$34.95
SER1040008	DC 0/1/10A \$34.95



Ammeter - Centre Read

These centre read DC Ammeters feature a standard centre pole moving coil, with construction incorporating rectifiers and housed in a sloping front plastic case. Mirror backed scales for more accuracy in reading, up to +/- 2.5%. Also features colour coded 4mm input terminals.

SER1040010	DC 1/0/1A \$34.95
SER1040029	DC 20/0/100uA \$34.95
SER1040003	DC 60/0/60uA \$34.95
SER1040012	DC 100/0/100mA \$34.95
SER1040023	DC 500/0/500mA \$34.95

Decade Resistance Box - 3 dial

These 3 dial decade resistance allow for variable resistance within a circuit to simulate specific electrical resistance quickly and easily. Ranges from 0.1 Ohm to 10 Ohm. Feature compact and robust design for both industrial and student use. Anodised aluminium dust resistant enclosure with earthing terminal. 4mm spin free captive socket head terminals for use with wires or banana plugs. Internal connections are by printed circuit board for better reliability. Each dial provides 10 steps of resistance so that the values are selected in complete decades.

SEREM2821-001	3 dial x 0.1 Ohm	\$199.95
SEREM2822-001	3 dial x 1 Ohm	\$179.95
SEREM2823-001	3 dial x 10 Ohm	\$179.95



Decade Resistance Box - 4 dial

These 4 dial decade resistance allow for variable resistance within a circuit to simulate specific electrical resistance quickly and easily. Ranges from 0.1 Ohm to 10 Ohm. Feature compact and robust design for both industrial and student use. Anodised aluminium dust resistant enclosure with earthing terminal. 4mm spin free captive socket head terminals for use with wires or banana plugs. Internal connections are by printed circuit board for better reliability. Each dial provides 10 steps of resistance so that the values are selected in complete decades.

SEREM2831-001	4 dial x 0.1 Ohm	\$239.95
SEREM2832-001	4 dial x 1 Ohm	\$219.95
SEREM2833-001	4 Dial x 10 Ohm	\$249.95



Decade Resistance Box - 5 dial

These 5 dial decade resistance allow for variable resistance within a circuit to simulate specific electrical resistance quickly and easily. Ranges from 1 Ohm to 100 Ohm. Feature compact and robust design for both industrial and student use. Anodised aluminium dust resistant enclosure with earthing terminal. 4mm spin free captive socket head terminals for use with wires or banana plugs. Internal connections are by printed circuit board for better reliability. Each dial provides 10 steps of resistance so that the values are selected in complete decades.

SEREM2841-001	5 dial x 1 Ohm	\$279.95
SEREM2842-001	5 dial x 10 Ohm	\$259.95
SEREM2843-001	5 dial x 100 Ohm	\$279.95



Decade Resistance Box - 6 dial

These 6 dial decade resistance allow for variable resistance within a circuit to simulate specific electrical resistance quickly and easily. Ranges from 0.10hm to 10 Ohm. Feature compact and robust design for both industrial and student use. Anodised aluminium dust resistant enclosure with earthing terminal. 4mm spin free captive socket head terminals for use with wires or banana plugs. Internal connections are by printed circuit board for better reliability. Each dial provides 10 steps of resistance so that the values are selected in complete decades.

SEREM2850-001 6 dial x 0.1 Ohm \$309.95 SEREM2852-001 6 dial x 10 Ohm \$299.95 SER1035388 6 dial x 1 Ohm \$xxx.xx



Physics Light & Optics



Physics Curriculum Kit Refraction Reflection

Teach the basic principles of light absorption, reflection and refraction with this Physics Curriculum Kit. The resources in this kit are in line with the topics of the Australian Curriculum: Science - Physics Year 5.

ESC005P \$511.95



Diffraction Grating Kit - Complete

Measure the wavelength of light by viewing a single ray of light through single, double or adjustable slits. For use in the new physics curriculum.

SERHL1670-001 \$59.95

Light, Colour, Refraction & Reflection Kit

Learn everything about colour mixing, rays of light, reflection and refraction! This kit is a great collection of resources to learn about

focal points, angles of light rays and much more. Contents may vary.

ESC007P

Kit includes

- Optical bench
- Glow in the dark LED torches Set of 12
- Newton colour mixing model
- LED ray box
- Acrylic blocks Set of 7
- Glass lenses Set of 6
- Refraction tank Set of 4
- Wooden lens holder Set of 4
- Refraction & reflection demonstration model
- Mounted mirrors Set of 10
- Colour paddles Set of 15



\$677.35 \$643⁹⁵

Save \$33.40





Optical Bench Kit

This enhanced optical set of accessories will allow students to perform a wide range of optical experiments.

EIS0649 \$153.95



Optical Bench & Kit

Optical Bench system is designed to be used with the 'Hodson' Light Box. The kit contains components required for basic optical experiments.

SERHL2240-001 SERHL2241-001

With Light Box \$239.95 Without Light Box \$179.95

V-Hub & V-Log

Data logging is the easiest way to integrate technology into the science classroom. Award-winning V-Hub and V-Log data loggers from Data Harvest are sure to meet all your classroom needs at a ground-breaking price!

USB & Bluetooth + Charging Tray

Get the most out of your lessons by giving students the chance to work in groups as they discover science together. V-Hub4 (SER100432) five pack solution works with the entire SmartQ sensor range. With a built-in rechargeable battery, V-Hub8 (SER100434) powers all of the sensors. With built in sensors, USB, bluetooth and optional Wi-Fi connectivity, V-Log8 (SER100438) offers all the features you need at a groundbreaking price!

SER100432	5 x V-Hub4	\$1,499.95
SER100434	5 x V-Hub8	\$1,899.95
SER100438	5 x V-Log8	\$2,499.95



Data Logger EasySense - USB & Bluetooth

With USB, Wi-Fi and Bluetooth options, alongside our FREE EasySense software for PC Windows, Mac OS, iPad iOS, Android & Chromebooks (that support Android Apps), we offer a versatile yet simple solution that will cover all of your data logging requirements. With a built-in rechargeable battery, V-Hub8 powers all of the sensors. Classroom management is simplified, as only the V-Hub8 needs re-charging! The V-Hub8 is small and light, it can be mounted on a retort stand along with the experiment apparatus, using the mounting rod supplied.

SER2504PK V-Hub4 - USB & Bluetooth \$259.95 SER2508PK V-Hub8 - USB & Bluetooth \$349.95



Data Logger EasySense - VLog

With built-in USB connectivity and optional Wi-Fi, offers all the remote data logging features you need at a ground breaking price! 4 SmartQ sensor inputs, Large graphical display, Remotely record data (14 days), Fast logging mode (50,000 samples per second), Accurate digital timing mode (4 microseconds), Built-in battery, USB rechargeable, USB & Bluetooth connectivity, Optional Wi-Fi module

SER2404PK VLog 4 (USB) \$329.95 SER2408PK VLog 8 (USB) \$399.95





Data Logging Wireless Sensors



Wireless Temperature Sensor - Fast Response

An extremely responsive temperature sensor featuring an exposed thermistor bead. Ideal for determining changes in skin temperature, measuring air temperature and more!

DATH1101 \$219.95



Wireless Magnetic Field Sensor

Explore the nature and strengths of magnetic fields around magnets or solenoids with this robust sensor that accurately measures the direction and magnitude field along three axes.

DATH1140 \$274.95



Wireless Gas Pressure Sensor - Absolute

Measures the total pressure on a system. When the single port is left open the sensor will measure atmospheric pressure.

DATH1150 \$289.95



Wireless Light & Colour Sensor

Measure the level of light in the visible spectrum as well as the primary colours of that light and the UV portion of the electromagnetic spectrum. Useful for experiments on reflectivity.

DATH1160 \$249.95



Wireless Sound Level Sensor

Accurately measure sound pressure level in decibels (dB) or examine the frequency content of sound in waveform (mV).

DATH1145 \$319.95



Wireless Gas Pressure Sensor - Differential

Measures the difference in pressure between the two ports. If one port is left open the measurement will be relative to atmospheric value.

DATH1151 \$289.95



Wireless Thermocouple Sensor

A wide temperature range sensor for use in a variety of experiments.

DATH1102 \$364.95



Wireless **Motion Sensor**

A sonar device that emits ultrasonic pulses which are reflected to and from an object to determine its relative distance from the sensor. Useful for experiments on velocity and accelaration and more.

DATH1190 \$379.95



Wireless Rotary Motion Sensor

A bidirectional position sensor capable of measuring a variety of motions eg pendulum, angular, rotational, etc.

DATH1195 \$564.95



Wireless Force Accelerometer Sensor

Includes a 3 axis accelerometer that measures accelaration force, both static and dynamic and a 3-axis gyroscope for applications where a high performance angular motion sensor is needed.

DATH1120 \$394.95



These sensors combine to form a wireless bluetooth pH sensor pack that measures pH in mV range.

DATH1110 Adaptor \$164.95 **DATH2253** Electrode **\$124.95**



Wireless Voltage & **Current Sensor - 5V**

A combined voltage and current sensor to

measure both the electric current and the potential difference across a component in a circuit in low voltage AC or DC circuits.

DATH1131 \$394.95

pH Sensor

Prices exclude GST

Data Logger Smart Q Sensors

Award winning SmartQ technology offering uncompromised levels of accuracy and reliability. With over 50 sensors to choose from, there's a sensor available for almost all scientific experiments.



The SmartQ oxygen sensor can be used to measure oxygen concentration and changes in oxygen.

SER3131 Electrode **\$229.95 SER3130** Adaptor \$119.95



These two items must be used together.

SER3136 Electrode \$99.95 SER3135 Adaptor \$99.95



Force

Measure compression and extension forces applied perpendicular to the laser beam.

SER3143 \$199.95



Gas Pressure

Measure absolute or differential pressure with MTA's range of gas sensors.

SER3138 Accessory Pack \$49.95 SER3139 Differential 10kPa \$149.95 SER3141 Differential 200kPa \$149.95 SER3142 Absolute 700kPa **\$149.95**







Measure changes of temperature in a wide range of experiments.

SER3100 SER3101 SER3105 SER3107

Stainless \$69.95 Fast \$69.95 High (K-Type) \$159.95 Thermocouple Probe - K-Type \$59.95



ends of DC and low-voltage AC circuits

SER3160	+-20V	\$79.95
SER3161	0-10V	\$79.95
SER3162	1V	\$79.95



CED 04 / F

High resolution current sensors measure DC and low-voltage AC currents to investigate power in circuits.

SER3165	+-1A	\$99.95	
SER3166	100mA	\$99.95	
SER3167	10A	\$99.95	



Magnetic Field

Measures magnetic fields around permanent magnets and electromagnets.

SER3170 10mT **\$149.95** SER3172 100mT **\$149.95**

Garden Resources

Sustainability & Recycling

Recycling Stations

Always wondered if the waste recycling has been done correctly and which type of waste should go in which bin? Available in 30L and 60L. The 30L bins measure 57.5(H) x 41(W) x 30(L)cm. The bins come with a swing lid. The 60L bins measure 69(H) x 43(W) x 50(L)cm and come with a foot pedal. Each set comes in 4 colours – blue, green, yellow and red. They are also available individually.





60 Litre - Black

RGP060K

RGP061

RGP062

RGP063

RGP064





With foot pedal

See-Through Compost Container

Three separate, aerated compartments enable children to view the entire decomposition process clearly and make side-byside comparisons between different materials. Included thermometers demonstrate the temperature changes during the decomposition process. Size: 33(L) x 13.3(W) x 20.3cm(H). Ages 5+ years

EN5095 \$69.95









Gratnell's storage systems offer flexible & robust storage solutions for all your classroom needs. The trolleys are available in single, double or treble width, in various heights and can be fitted out with a wide range of vibrant coloured trays

that come in various sizes. With such a wide range of conformations, you can customise any area and make any classroom space your own. So the only thing left to decide is castors or fixed feet?

For more information on our Gratnells range visit our website

Gratnells Single Column Trolley

SER1025-KIT-6	F1	1 trolley - 750mm, 5 shallow trays 5 pairs of runners.	\$372.95
SER1025-KIT-3	F1 & F2	1 trolley - 750mm, 1 shallow tray, 2 deep trays, 3 pairs of runners.	\$399.95
SER1025-KIT-4	F1	1 trolley - 850mm, 6 shallow trays, 6 pairs of runners.	\$519.95
SER1025-KIT-5	F1 & F2	1 trolley - 850mm, 1 shallow tray, 3 deep trays, 4 pairs of runners.	\$407.95



Gratnells Double Column Trolley

		,	
SER2025-KIT-1	F1	1 trolley - 725mm, 10 shallow trays, 10 pairs of runners.	\$499.95
SER2022-KIT-2K		1 trolley - 725mm, 10 shallow trays, 4 deep trays, 6 pairs of runners.	\$599.95
SER2025-KIT-3K	F1	1 trolley - 850mm, 12 shallow trays, 12 pairs of runners.	\$699.95
SER2025-KIT-4	F1, F2 & F3	1 trolley - 850mm, 2 shallow trays, 2 deep trays, 2 jumbo trays, 12 pairs of runners.	\$621.95
SER2025-KIT-5	F1 & F2	1 trolley - 850mm, 2 shallow trays, 6 deep trays, 8 pairs of runners.	\$629.95



Gratnells Triple Column Trolley

SER3025P-KIT-1	F1	1 trolley - 725mm, 6 shallow trays, 6 pairs of runners.	\$151.95
SER3025-KIT-4	F1 & F2	1 trolley - 725mm, 3 shallow trays, 6 deep trays, 9 pairs of runners.	\$602.95
SER3025-KIT-3	F1	1 trolley - 850mm, 18 shallow trays, 18 pairs of runners.	\$782.95
SER3025-KIT-1K	F1, F2 & F25	1 trolley - 850mm, 3 shallow trays, 3 deep trays, 3 jumbo trays, 9 pairs of runners.	\$649.95
SER3025-KIT-2K	F1 & F2	1 trolley - 850mm, 3 shallow trays, 9 deep trays, 12 pairs of runners.	\$769.95



Gratnells Rover Kits

Tough and practical, the Gratnells Rover is designed to help you move heavy items around with ease, even up and down stairs. Includes: Stylish curved silver frame, 260 mm pneumatic tyres for all terrains, Five sets of runners to allow a variety of possible tray combinations,

SERROVER-RSET01K	F25	1 rover trolley, 3 extra deep trays.	\$539.95
SERROVER-RSET02K	F1, F2, F3	1 rover trolley, 1 shallow tray, 1 deep tray, 1 jumbo tray.	\$509.95
SERROVER-RSET03K	F2	1 rover trolley, 3 deep trays.	\$529.95
SERROVER-RSET05K	F3	1 rover trolley, 3 jumbo trays.	\$549.95
SERROVER-RSET06K	F25 & F3	1 rover trolley, 1 extra deep tray, 1 jumbo tray.	\$529.95









Gratnells Tall Chemical Storage Kits

SER2625-CHEM-K Double Frame \$1,199.95 SER2625-CHEM Triple Frame **\$1,409.95**



Gratnells Wide Frames with Shelves

SER2622-1850-SK Double **\$649.95** SER3622-KIT-1 Triple **\$899.95**



SER3525-KIT-1

Gratnells Triple Column Frame - 1500mm

SER3525-KIT-1 F1 **\$1,169.95** 1 frame, 39 shallow trays, 39 pairs of runners.

SER3622-KIT-2K F1 \$649.95 1 frame, 6 shallow trays, 6 pairs of runners.

Gratnells Double Column Frame Kits - 1850mm

SER2625-KIT-1	F3	1 frame, 10 jumbo trays, 10 pairs of runners.	\$679.95
SER2625-KIT-2	F1	1 frame, 34 shallow trays, 34 pairs of runners.	\$1,049.95
SER2625-KIT-3	F1 & F2	1 frame, 2 shallow trays, 18 deep trays, 20 pairs of runners.	\$849.95
SER2625-KIT-4	All Trays	1 frame, 8 shallow trays, 8 deep trays, 2 extra deep trays, 2 jumbo trays, 20 pairs of runners.	\$840.95
SER2625-KIT-5	F1	1 frame, 4 shelves, 20 shallow trays, 20 pairs of runners.	\$969.95
SER2625-KIT-6	F2	1 frame, 4 shelves, 12 deep trays, 12 pairs of runners.	\$896.95
SER2625-KIT-7	F1 & F2	1 frame, 4 shelves, 2 shallow trays, 8 deep trays, 10 pairs of runners.	\$835.95
SER2625-KIT-8	F1 & F25	1 frame, 4 shelves, 20 deep trays, 4 extra deep trays, 20 pairs of runners.	\$904.95



Gratnells Triple Column Frame Kits - 1850mm

SER3625-KIT-1K	F1	1 frame, 51 shallow trays, 51 pairs of runners.	\$1,599.95
SER3625-KIT-2	F2	1 frame, 6 shelves, 18 deep trays, 18 pairs of runners.	\$1,219.95
SER3625-KIT-3	F1 & F2	1 frame, 6 shelves, 3 shallow trays, 12 extra deep trays, 12 pairs of runners.	\$1,079.95
SER3625-KIT-4	F3	1 frame, 15 jumbo trays, 15 pairs of runners.	\$899.95
SER3625-KIT-5K	F1 & F2	1 frame, 3 shallow trays, 27 deep trays, 30 pairs of runners.	\$1,299.95
SER3625-KIT-6K		1 frame, 15 deep trays, 6 extra deep trays, 3 jumbo trays, 24 pairs of runners.	\$1,199.95
SER3625-KIT-7	F1	1 frame, 6 shelves, 33 shallow trays, 33 pairs of runners.	\$1,424.95
SER3625-KIT-8	All Trays	1 frame, 12 shallow trays, 12 deep trays, 3 extra deep trays, 3 jumbo trays, 30 pairs of runners.	\$1,134.95



Ergerite - Storage Trolley - Single

A versatile and functional single trolley for the early years, primary school and high school classrooms. This single trolley measures 36cm wide x 42.5cm deep x 92cm high. A modern and durable storage system for the classroom environment. These Ergerite exclusive storage systems have been designed to accommodate durable plastic tote trays and containers. They are compatible with our plastic trays (SUN831L and SUN832S) as well as Gratnells trays and some LEGO Education sets and trays. Excellent for use in libraries, classrooms, STEM rooms and Makerspaces. Each trolley features lockable castors for easy mobility, a grey powder coated metal frame and a timber look laminated top panel. Each trolley also features side handles.

SUN831 Trolley **\$159.95 SUN831K** Trolley & Trays \$209.95



Trolley & Travs \$**209**95

Save **\$10.75**

Ergerite - Storage Trolley - Double



A versatile and functional double trolley for the early years, primary school and high school classrooms. This double trolley measures 69cm wide x 42.5cm deep x 92cm high. A modern and durable storage system for the classroom environment. These Ergerite exclusive storage systems have been designed to accommodate durable plastic tote trays and containers. They are compatible with our plastic trays (SUN831L and SUN832S) as well as Gratnells trays and some LEGO Education sets and trays. Excellent for use in libraries, classrooms, STEM rooms and Makerspaces. Each trolley features lockable castors for easy mobility, a grey powder coated metal frame, a timber look laminated top panel and convenient side handles.

SUN832 Trolley **\$239.95 SUN832K** Trolley & Trays \$339.95



Trolley & Trays

Save \$21.50

Ergerite - Storage Trolley - Triple

A versatile and functional triple trolley for the early years, primary school and high school classrooms. This triple trolley measures 102cm wide x 42.5cm deep x 92cm high. A modern and durable storage system for the classroom environment. These Ergerite exclusive storage systems have been designed to accommodate durable plastic tote trays and containers. They are compatible with our plastic trays (SUN831L and SUN832S) as well as Gratnells trays and some LEGO Education sets and travs. Excellent for use in libraries, classrooms, STEM rooms and Makerspaces. Each trolley features lockable castors for easy mobility, a grey powder coated metal frame a timber look laminated top panel, and convenient side handles.

SUN833 Trolley **\$299.95 SUN833K** Trolley & Trays \$459.95



Trolley & Trays **\$459**95

Save \$22.25





Science & **Lab Essentials**

2020

STEM & Makerspace

A versatile and functional STEM and Makerspace storage kit. Includes Trolley (HSP922), Racking Storage (HSP8085) and Trolley Cart (HSP663). Contents may vary.

HSP663K

Set of 3 \$999.95





\$1.149.85 **\$999**95

Save \$149.90







STEM & Makerspace Trolley

This aluminium and steel trolley is excellent for storing all your Makerspace and STEM tools. It features 2 drawers, 4 swivel castors (2 x lockable), hanging back panel storage and a bottom shelf. Measures 85(W) x 48(D) x 124.5(H)cm.

HSP922 \$599.95

Trolley & Trays Save **\$115**10



Includes 12 x 2.5 litre trays, 4 x 6 litre trays and 2 x 12 litre trays. Metal frame and features castors. Measures 46(W) x 66(D) x 120(H)cm. Contents may vary

FFP101K Trolley & Trays \$749.95 FFP101 Trolley only \$619.95



Ergerite - STEM Table & Trays

Perfect for STEM and robotics. Table is a whiteboard and features a metal frame. Also includes lockable castors and storage on one end. HS12460K measures 120(W) x 80(D) x 60(H)cm. Kit includes 4 x small trays (SUN832S) and 2 x large travs (SUN831L), HS12497K measures 120(W) x 80(D) x 97(H)cm. Kit includes 8 x small trays (SUN832S) and 4 x large trays (SUN831L). Always lift the trays when inserting or removing from the frame. Contents may vary.

HS12460K 60cm high \$419.95 HS12497K 97cm high **\$549.95** \$799.90

Save \$399.85





Ergerite - Tall Stool - 70cm

These stools feature a durable metal frame and a padded PVC seat. Perfect for STEM, science and art rooms. Each measures 40(dia) x 70(H)cm.

DM51901 DM51901-1 Set of 4 \$399.95 Each \$199.95



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