



Adam balances provide great value with smart features that make every day lab work quick and easy. Quality construction with solid housing ensures years of use. With over 3 decades of manufacturing balances, Adam Equipment stands behind its products.



**Highland Balance**  
Shown with draft shield on



**Core Balance**



Highland and Core balances stack for safe and efficient storage.



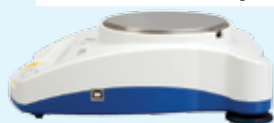
Highland and Core balances offer advanced overload protection.

### Highland Precision Balances

The most complete and versatile balance ideal for a range of students and teacher preparation.

- ShockProtect™ overload protection up to 200 kilograms
- HandiCal™ built-in calibration – no external calibration masses needed. Lets you calibrate when you want
- Removeable draft shield
- Stainless steel weighing pan (120mm dia)
- Stackable for storing
- Below balance weighing hook for density calculations
- Built in lockdown slot to secure your balance in one place
- USB and RS232 interfaces both included with cables
- Built-in rechargeable battery and AC operation included
- 2 Year Warranty

Model No.	Readability	Capacity	Cost Each	5 or More Ea.
HCB 123	0.001 g	120 g	\$560	\$540
HCB 302	0.01 g	300 g	\$460	\$450
HCB 602H	0.01 g	600 g	\$499	\$485
HCB 1002	0.01 g	1,000 g	\$560	\$540
HCB 3001	0.1 g	3,000 g	\$460	\$450



9305 - In use cover \$30  
9037 - Hard carry case \$95  
9061 - Data collection program \$80  
8030 - Security lock and cable \$30

### Core Balances

Core balances provide, reliable readings, classroom durability, and simple operation for the best value.

- ShockProtect™ overload protection up to 200 kilograms
- Stackable for storing
- Removeable draft shield (available on 120mm pan size models)
- Built in lockdown slot to secure your balance in one place
- Stainless steel weighing pan
- Below balance weighing with hook for density calculations
- 6 AA Batteries or AC Adapter operation (adaptor included)
- 2 year Warranty

Model No.	Readability	Capacity	Pan size	Cost Each	5 or More Ea.
CQT 202	0.01 g	200 g	120mm	\$295	\$280
CQT 251	0.1 g	250 g	120mm	\$150	\$145
CQT 601	0.1 g	600 g	120mm	\$190	\$180
CQT 1501	0.1 g	1500 g	120mm	\$189	\$185
CQT 2000	1 g	2000 g	145mm	\$120	\$110
CQT 5000	1 g	5000 g	145mm	\$165	\$159

8030- Security lock and cable \$28.00

### Dune Balances

All of the features you want for quick and easy weighing.



- Large 145mm square pan
- Displays results in grams, ounces, and pounds
- 6 x AA Batteries or AC operation (adapter included)
- Low battery indicator
- Auto power down to save battery life
- 1 Year Warranty

Model No.	Readability	Capacity	Linearity	Each
DCT 201	0.1 g	200 g	+/- 0.2 g	\$65
DCT 2000	1 g	2,000 g	+/- 2 g	\$65
DCT 5000	2 g	5,000 g	+/- 4 g	\$45

Prices are subject to change

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Prices do NOT include GST

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E. & O. E.

Page 1/12, Term 2 2010

Thought you'd found a super duper special price elsewhere?

What others call Sale Prices are our EVERYDAY PRICES

Please refer the Adam AQT5000 balance to your Food Technology teachers



Stocktake Clearance  
**AQT5000**  
**\$85**

Don't miss out  
Limited Stock

## Adam AQT5000 Electronic Balance Massive Savings - nearly 60% Massive Capacity 5000g x 1g Massive Stocktake Sale

Capacity 5000 grams, resolution 1 gram. A simple easy to use balance ideal for the lab or kitchen. With a 130mm diameter stainless steel pan making it ideal for warm objects. Includes a draft shield, taring function and 4 weighing units: ounces, pounds, grams, kilograms. Supplied with a mains adaptor but can also be used with 6 AA batteries (not included). 2 Year warranty.  
Order code: **AQT5000** Just **\$85** each or **\$80** each for 5 or more.



ACBPLUS Series

### ACB Plus clearance

*Make the most of this fantastic run-out special, limited stock:*

Adam Balance - High capacity, medium resolution, portable. Large LCD screen with switchable back light, 13 different weighing units including percentage weighing and parts counting, auto calibration from keyboard, stainless steel pan, taring function and wind shield. Supplied with a mains adaptor / plug pack. Batteries, which are not supplied, can also be used. With RS232C output to a printer or computer. Adjustable feet for levelling with bubble indicator. This balance has a good solid feel to it. Two year Warranty.

**ACBplus1500** 1500 x 0.05g \$540 now **\$370**

### High Resolution (milligram) Balances

Bright backlit display, draft shield, below balance weighing, stainless steel pan, date and time, net / total weighing, weight accumulation, averaging, animal / dynamic weighing, percentage weighing, parts counting, 18 weighing units including one custom unit, security bracket, RS-232 port. With mains adaptor. 3 year Warranty.

**PGW253E** 250g x 0.001g **\$940**

**PGW453E** 450g x 0.001g **\$980**

SPECIAL



### Triple Beam Balances

Made from pressed steel for both durability and rigidity, 150mm stainless steel pan, built-in ruler and protractor, removable legs, weight holders for extra weights, weigh-below hook for density measurements. Capacity 2610g x 0.1g. 3 year Warranty.



Models:

**TBB2610T** with 225g taring **\$150**

**TBB2610S** without taring **\$135**

Adam Balances  
have a 1, 2 or 3  
Year Warranty

### NEW PGL Precision Balances

Bright backlit display, draft shield on PGL203, below balance weighing, large stainless steel pan. Nine different weighing units. With mains adaptor. 3 year Warranty.

Functions include:

Weighing, net / total, check weighing, percentage weighing, animal / dynamic weighing, parts counting, density determination.



SPECIAL

Models:

**PGL203** 200g x 0.001g **\$690**

**PGL2002** 2,000g x 0.01g **\$790**

**PGL4001** 4,000g x 0.1g **\$599**

**PGL8001** 8,000g x 0.1g **\$720**

## NOT A VERNIER DATA LOGGER USER?

The enclosed Vernier Catalogue will still be of interest as many Vernier products like those below are **STAND-ALONE PRODUCTS** which require **NO DATA LOGGER**

### Light and Chemical Analysis

#### Mini Gas Chromatograph

Use with a Windows or Mac PC and Logger Pro software.

Details: Vernier Catalogue - Page 34



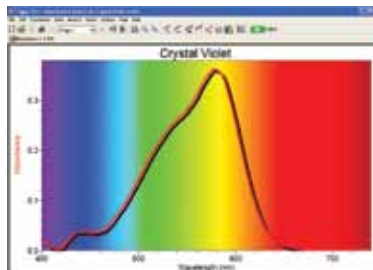
**\$3246**

MINI GAS CHROMATOGRAPH

#### SpectroVis Plus Spectrophotometer

Now with broader bandwidth and higher resolution. Use with a Windows or Mac PC and Logger Pro software.

Details: Vernier Catalogue - Page 27, 40



**\$764**

SPECTROVIS PLUS

### BioTechnology



**\$722**

BLUE VIEW  
TRANSILLUMINATOR



BLUE DIGITAL BIOIMAGING  
SYSTEM

**\$1360**



**\$203**

WHITE VIEW  
TRANSILLUMINATOR

### Take Your Bio-Genetic Experiments

to a new level with these totally stand-alone products

Details: Vernier Catalogue - Pages 24 - 25

### Electricity



**\$152**

VERNIER CIRCUIT BOARD

Details: Vernier Catalogue - Page 70

### Waves - Motion - Resonance - Speed



**\$169**

POWER AMP SPEAKER AND POWER AMP

These products can be used with most signal generators. Details: Vernier Catalogue - Page 68



**\$339**



**\$41**

PHOTOGATE ACCESSORIES

Ultra Pulley, Bar Tape or Kit, Picket Fence.  
Details: Vernier Catalogue - Page 109



**\$29**



**\$12**



**\$305**

WATTS UP PRO  
POWER MONITOR

Details: Vernier Catalogue - Page 116

### Electrostatics



**\$186**

ELECTROSTATICS KIT

Details: Vernier Catalogue - Page 71

### Spectrum Analysis

Availability is subject to passing Regulatory Tests



**\$383**

Tubes  
**\$61 ea**

SPECTRUM TUBE Power Supply and Tubes

Details: Vernier Catalogue - Page 70

### Video Analysis



**\$322**

LOGGER PRO SOFTWARE

Great for video Analysis as on Page 16 and much more  
Details: Vernier Catalogue - Page 14

# Vernier Stand-alone Products requiring NO data logging INTERFACE

**GEIGER COUNTER**  
(Digital Radiation Monitor)



**\$432**

Details: Vernier Catalogue Page 69

**INFRARED THERMOMETER**



**\$271**

Details: Vernier Catalogue Page 114

**SOUND LEVEL METER**




**\$281**

Details: Vernier Catalogue Page 112

**MAGNETIC STIRRER**



LED illumination




Stir Station pictured with pH sensor, Electrode Support and beaker which are not included

**\$203**

Details: Vernier Catalogue Page 26, 37

**VERNIER DYNAMICS CARTS (COLLISION TROLLEYS) AND TRACK SYSTEM**



**EXTREMELY LOW FRICTION - DRIVE CAREFULLY**  
USE WITH OR WITHOUT A DATA LOGGER

**\$458**

**Cart and Track Experiments**

- \* Measuring g on an Incline
- \* Newton's Second Law
- \* Momentum, Energy and Collisions
- \* Impulse and Momentum

These experiments can be found in our Physics with Vernier manual.

The Dynamics System is ideal for studying Newton's second law, acceleration on an inclined plane, momentum etc. Use with your existing photogates and timers or with Vernier sensors like the Motion Detector, Dual-Range Force, Wireless Dynamics Sensor System, Photogate or Accelerometers. Make the most of your track by adding the Vernier Optics Expansion Kit for studying optics. You can even couple two tracks together with the Track-to-Track Coupler. Carts are included and can also be purchased separately. More mobile, cheaper and quieter than an Air Track and Air Source.

Details: Vernier Catalogue Page 72 - 73



Standard Cart with WDSS attached

**\$145**



Plunger Cart

**\$167**

**OPTICS EXPANSION KIT**

Add the Vernier Optics Expansion Kit to your dynamics track to conduct optics experiments, such as image formation with lenses and light intensity vs. distance. You can even use the kit to build a basic telescope. Now supplied with a super bright LED light source.



Track NOT included

**\$288**

Vernier Optics Expansion Kit Includes:


- Two lens holders with bases
- 100 and 200mm converging lens
- 150 mm diverging lens
- Screen, holder and base
- Combination luminous and point light source
- Light sensor clamp

Details: Vernier Catalogue Page 73



Dynamics track doubles as an optics bench

**WIRELESS DYNAMICS SENSOR SYSTEM**



WDSS


**\$424**

**GREAT WAYS TO USE THIS SENSOR!**

- Roller coaster accelerations
- Skateboarding
- Newton's second law
- Newton's third law
- Centripetal acceleration on a turntable or a merry-go-round
- Force and acceleration in simple harmonic motion

Requires a Bluetooth-enabled computer running Logger Pro 3.5 or later. A 3-axis accelerometer, force sensor and altimeter in one unit that communicates wirelessly with your computer via Bluetooth® for real time data collection. You can also use it as a stand-alone data logger. A complete data-collection system totally free of cables.

Details: Vernier Catalogue Page 75



Acceleration on a swing

Prices are subject to change

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## QUALITY NEW PRODUCTS

USE THE WEB ADDRESSES LISTED BELOW FOR MORE PRODUCT DETAILS

### BIOMECHANICAL ARM KIT

The Biomechanical Arm kit provides an ideal hands-on approach for understanding how bones, joints and muscles work together to produce support ... more <http://scientific.com.au/product.php?p=7459>

**Order code: 0650-11 \$695**



### BIOMECHANICAL LEG KIT

The Biomechanical Leg kit provides an ideal hands-on approach for understanding how bones, joints and muscles work together to produce support ... more <http://scientific.com.au/product.php?p=7460>

**Order code: 0650-12 \$678**

### BIOMECHANICAL ARM AND LEG KIT

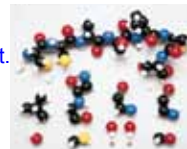
The Biomechanical Arm and Leg kit provides an ideal hands-on approach which allows students to understand how bones, joints and muscles work together to produce support and movement... more <http://scientific.com.au/product.php?p=7461>

**Order code: 0650-15 \$999**

### PROTEIN AMINO ACID SET

Protein-Amino Acid Set. Flex-O-Models, for hands-on biochemistry study. more <http://scientific.com.au/product.php?p=7480>

**Order code: FOM-212 \$299**



### ORGANIC CHEMISTRY DEMONSTRATION SET

Organic Chemistry Demonstration Set. Flex-O-Models, for hands-on biochemistry study. more <http://scientific.com.au/product.php?p=7481>

**Order code: FOM-401 \$295**

Prices are  
subject to change

### STANDARD PREMIER 4-PART SKULL

Standard Premier 4-Part Skull. Repli-cast from a select natural bone specimen for unparalleled realism, every Premier Skull features individual teeth with complete roots - each in its own socket - not just a set of fused dentures like other synthetic skulls.... more <http://scientific.com.au/product.php?p=7482>

**Order code: SK80 \$199**



### SPECIAL EDITION PREMIER SKULL

Special Edition Premier Skull looks just like real bone. This Special Edition Premier Skull has been hand-rubbed with a custom formulated stain, highlighting every suture, fissure, fossa and pore, and creating a convincing natural bone appearance. A magnificent specimen for study and display... more <http://scientific.com.au/product.php?p=7483>

**Order code: SK80SP \$380**

### THE HEART AS A PUMP

Hands-on Cardiac Function Simulator. This hands-on working model simulates all of the key functions of the human heart and is designed for hands-on, collaborative learning by teams of 3-4 students. It is ideal for use in schools, TAFEs and Universities... more <http://scientific.com.au/product.php?p=7462>

**Order code: 0651-00 \$899**



### THIN MAN SEQUENTIAL ANATOMY FIGURE POSTERS

The Thin Man Sequential Human Anatomy Figure lets you explore body regions layer-by-layer for an in-depth understanding of the human body. Detailing human anatomy in a way no chart or torso can duplicate, the Thin Man is a near life-size full-colour rendition of the human body which by means of a sequence of transparent mylar overlays, allows the peeling away of layer after layer of tissue, progressing ever more deeply into the body. ... more <http://scientific.com.au/product.php?p=7463>

**Order code: 0700-00 \$735**

### GIANT DICOT FLOWER MODEL

Giant Dicot Flower Model. Representing a greatly enlarged idealised complete flower, this non-breakable vinyl plastic model teaches the reproduction function of flowers, angiosperm pollination and fertilisation.... more <http://scientific.com.au/product.php?p=7465>

**Order code: 0824-50 \$341**



### RUBIN'S EYE AND VISION LAB

Rubin's Eye and Vision Lab. Using Rubin's Eye and Vision Lab, your students won't have to rely on visualisation - they'll actually see how the human eye functions! Through a series of engaging hands-on, eyes-on experimental activities, your students will not only witness how the human.... more <http://scientific.com.au/product.php?p=7464>

**Order code: 0766-00 \$699**



### HUMAN SEXUALITY POSTERS/CHARTS ON ROLLERS

Human Sexuality Posters/Charts - a complete set of 10 posters on a Multi-Chart Spring Roller System. This popular poster series is suitable for age levels from adolescence to adult, they treat significant themes in an appealing and understandable manner. Features: \* Large colourful graphics... more <http://scientific.com.au/product.php?p=7458>

**Order code: 1345-32 \$645**

### HUMAN SEXUALITY POSTERS

Human Sexuality Posters Complete Series of 10 Posters on a Charthead and Tripod Stand. This popular poster series is suitable for age levels from adolescence to adult, they treat significant themes in an appealing and understandable manner. Features: \* Large colourful graphics .... more <http://scientific.com.au/product.php?p=7466>

**Order code: 1345-41 \$645**



## MORE QUALITY NEW PRODUCTS

USE THE WEB ADDRESSES LISTED BELOW FOR MORE PRODUCT DETAILS



### ANATOMY OF THE HEART POSTER

Anatomy of the Heart. A new anatomical poster designed specifically for conveying key basic anatomical information. Created with a detailed, yet simplistic illustrative style which has been combined with just the right amount of labelling and descriptive text. Accurately written and designed for learning the.... (46x58 cm)... more <http://scientific.com.au/product.php?p=7484>

**Order code: 7001-08 \$30**



### THE RESPIRATORY SYSTEM POSTER

The Respiratory System. A new anatomical chart/poster designed specifically for conveying key basic anatomy. Created with a detailed, yet simplistic illustrative style then combined with just the right amount of labels and descriptive text. Accurately... more <http://scientific.com.au/product.php?p=7485>

**Order code: 7002-08 \$30**

### ANATOMY OF THE EYE POSTER

Poster sized Eye Anatomy Chart/Poster. A full colour chart/poster that illustrates the anatomy of the eye in detail. Comes with metal grommets for hanging. Flexible lamination lets you write-on, wipe-off using dry erasable markers (markers not included). Poster Size: 56 x 71 cm...more <http://scientific.com.au/product.php?p=7472>

**Order code: 7102-08 \$28**



### ANATOMY OF THE EYE POSTER - SMALL

Anatomy of the Eye Chart/Poster. A full colour chart/poster that illustrates the anatomy of the eye in detail, it's ideal as a student handout. Pack of ten Notebook Sized (218 x 217mm) with three holes pre-punched for binder insertion..... more <http://scientific.com.au/product.php?p=7473>

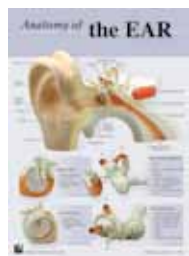
**Order code: 7102-NB \$58**

Prices are  
subject to change

### ANATOMY OF THE EAR POSTER

Poster sized Ear Anatomy Chart/Poster. A full colour chart/poster that illustrates the anatomy of the ear in detail. Comes with metal grommets for hanging. Flexible lamination lets you write-on, wipe-off using dry erasable markers (markers not included). Poster Size: 56 x 71 cm.... more <http://scientific.com.au/product.php?p=7474>

**Order code: 7133-08 \$28**



### ANATOMY OF THE EAR POSTER - SMALL

Anatomy of the Ear Chart/Poster. A full colour chart/poster that illustrates the anatomy of the ear in detail. Ideal as a student handout. Pack of ten Notebook Sized (218 x 217mm) with three holes pre-punched for binder insertion..... more <http://scientific.com.au/product.php?p=7475>

**Order code: 7133-NB \$58**

### ANATOMY OF THE BRAIN POSTER

Anatomy of the Brain Chart/Poster. A full colour chart/poster that illustrates the anatomy of the brain in detail. Comes with metal grommets for hanging. Flexible lamination lets you write-on, wipe-off using dry erasable markers (markers not included). Poster Size: 56 x 71 cm... more <http://scientific.com.au/product.php?p=7478>

**Order code: 7170-08 \$28**



### ANATOMY OF THE BRAIN POSTER - SMALL

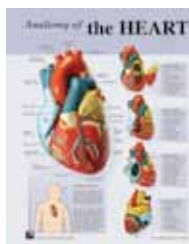
Anatomy of the Brain Chart/Poster. A full colour chart/poster that illustrates the anatomy of the brain in detail. Ideal as a student handout. Pack of ten Notebook Sized (218 x 217mm) with three holes pre-punched for binder insertion..... more <http://scientific.com.au/product.php?p=7479>

**Order code: 7170-NB \$58**

### ANATOMY OF THE HEART POSTER

Anatomy of the Heart Chart/Poster. A full colour chart/poster that illustrates the anatomy of the heart in detail. Comes with metal grommets for hanging. Flexible lamination lets you write-on, wipe-off using dry erasable markers (markers not included). Poster Size: 56 x 71 cm.... more <http://scientific.com.au/product.php?p=7476>

**Order code: 7140-08 \$28**



### ANATOMY OF THE HEART POSTER - SMALL

Anatomy of the Heart Chart/Poster. A full colour poster that illustrates the anatomy of the heart in detail. Ideal as a student handout. Pack of ten Notebook Sized (218 x 217mm) with three holes pre-punched for binder insertion. .... more <http://scientific.com.au/product.php?p=7477>

**Order code: 7140-NB \$58**

### ANIMAL CELL POSTER

The Animal Cell Poster is one of the latest posters available for introductory biology topics. The poster is designed to highlight the main points of basic cellular biology and zoology topics. Approachable, bright illustrations invite students to explore the topics without being..... 46 x 58cm..... more <http://scientific.com.au/product.php?p=7486>

**Order code: 7501-08 \$28**



### BIOLOGY POSTER SERIES SET 35

Complete Biology Series, 35 multi-coloured Posters on Charthead with Tripod Stand. These Posters: \* Are printed on tear-proof, non-yellowing stock \* Highlight the Diversity of Life \* Stress the complementarity of form and function, as well as the adaptation of organisms to their environment, many posters in this series incorporate habit sketches to augment understanding of the adaptability of life. Encompassing more than 300 individual illustrations in vivid colours, each of the 35 posters features one or more central portraits augmented by numerous supplementary.... more <http://scientific.com.au/product.php?p=7471>

**Order code: 1990-41 \$1,599**

**EVEN MORE QUALITY NEW PRODUCTS**  
**USE THE WEB ADDRESSES LISTED FOR PRODUCT DETAILS**

**FROG DEVELOPMENT POSTER**

Frog Development Biology Chart. This poster shows the fourteen key stages in the development of the frog, from fertilisation through cleavage, embryo, tadpole limb development and adult. The chart is supplied with top and bottom rods plus loops for hanging.... more <http://scientific.com.au/product.php?p=7468>

Order code: **1890-10 \$108**

**FROG ANATOMY POSTER**

Frog Development Poster. Three principal views detail a complete ventral dissection of a male frog, the female urogenital system and the central nervous system from the dorsal aspect. Supplementary figures show the ventral aspect of the brain and cranial nerves, oral cavity and a feeding sequence illustrating the action of the tongue.... more <http://scientific.com.au/product.php?p=7469>

Order code: **1891-10 \$108**

**ANIMAL AND PLANT CELL POSTER**

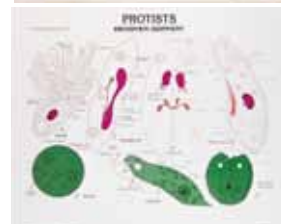
Animal and Plant Cell Poster. Reflecting the most recent electron micrographic and cytological findings, this colourful chart presents a side-by-side comparison of a typical animal cell with its botanical counterpart. The poster is supplied with top and bottom rods plus a loop for hanging. Overall dimensions: 112x91cm.... more <http://scientific.com.au/product.php?p=7470>

Order code: **1911-10 \$108**

**PROTISTS BIOLOGY POSTERS**

Protists Poster. Representing well known free-living species (umh, these sound interesting, wonder if they party?): \* Rhizopods (Amoeba) \* Flagellates - both solitary and colonial (Euglena and Volvox) \* Ciliates (Paramecium demonstrating binary fission and conjugation)...112x91cm.... more <http://scientific.com.au/product.php?p=7467>

Order code: **1881-10 \$108**



**SEARCH *KOSMOS* ON OUR WEBSITE FOR DETAILS ON THESE AND ALL THE OTHER GREAT THAMES AND KOSMOS KITS INCLUDING “*LITTLE LABS*” FOR PRIMARY SCHOOLS**

**BALLOON PHYSICS**

PHYSICAL SCIENCE WITH BALLOONS. Use this Thames and Kosmos kit to find out there's more to balloons than just hot air! Take off on an adventure through topics in physics ... more: <http://scientific.com.au/product.php?p=7440>

Order code: **653555 \$44**

**BUBBLE SCIENCE**

SCIENCE EXPERIMENTS WITH SOAP BUBBLES. Experiment with the whimsical wonder of bubbles. For countless generations people have been fascinated by the unique properti ... more: <http://scientific.com.au/product.php?p=7441>

Order code: **662813 \$44**

**CHEM C1000**

CHEM C1000 BEGINNER LEVEL CHEMISTRY EXPERIMENT KIT. Overview of the CHEM Series The Thames & Kosmos Chemistry kits are classic chemistry sets updated for the 21st... more: <http://scientific.com.au/product.php?p=7454>

Order code: **644017 \$119**

**CHEM C2000**

CHEM C2000 INTERMEDIATE LEVEL CHEMISTRY EXPERIMENT KIT. Overview of the CHEM Series The Thames & Kosmos Chemistry kits are classic chemistry sets updated for t... more: <http://scientific.com.au/product.php?p=7455>

Order code: **644512 \$195**

**CHEM C3000**

CHEM C3000 ADVANCED LEVEL CHEMISTRY EXPERIMENT KIT. Overview of the CHEM Series The Thames & Kosmos Chemistry kits are classic chemistry sets updated for th ... more: <http://scientific.com.au/product.php?p=7456>

Order code: **645014 \$336**

**ELECTRONICS WORKSHOP 1**

INTRODUCTION TO ELECTRONICS. Discover the digital world with this unique introduction to electronics kit from Thames and Kosmos. Follow the story of Robert M-3, a young ro... more: <http://scientific.com.au/product.php?p=7442>

Order code: **615512 \$137**

**FUEL CELL CAR - EXPERIMENT KIT**

JUMP START THE HYDROGEN ECONOMY. The Thames and Kosmos Fuel Cell Car and Experiment Kit provides a playful introduction to one of the most significant technologies of ... more: <http://scientific.com.au/product.php?p=7448>

Order code: **628710 \$249**

**FUEL CELL 10 CAR AND EXPERIMENT KIT**

10TH ANNIVERSARY EDITION CAR AND EXPERIMENT KIT. This new edition marks the 10th anniversary of the release of the original Fuel Cell Car & Experiment Kit from Tham... more: <http://scientific.com.au/product.php?p=7443>

Order code: **620318 \$237**

**FUEL CELL X7**

HYDROGEN POWERED CAR. The new Fuel Cell X7 hydrogen powered car kit from Thames and Kosmos has been introduced as an alternative to the original Fuel Cell Car & Experiment ... more: <http://scientific.com.au/product.php?p=5411>

Order code: **628777 \$137**



Prices are subject to change

**SEARCH *KOSMOS* ON OUR WEBSITE FOR DETAILS ON THESE PRODUCTS AND ALL THE OTHER GREAT THAMES AND KOSMOS KITS WE STOCK!**

**GENETICS & DNA**



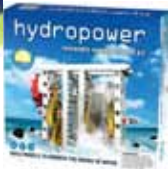
BIOLOGICAL INHERITANCE AND GENETIC ENGINEERING. Head into the lab for an in-depth investigation of genetics, the branch of biology focused on heredity and variati... more: <http://scientific.com.au/product.php?p=7446>  
Order code: **663438 \$44**

**GLOBAL WARMING**



EARTH'S CLIMATE AND CLIMATE CHANGE. Global Warming - the steady increase in Earth's air and ocean temperatures since the mid-20th century - is one of the most disc... more: <http://scientific.com.au/product.php?p=7447>  
Order code: **663513 \$44**

**HYDROPOWER**



RENEWABLE ENERGY SCIENCE KIT. Hydropower has been used for hundreds of years in watermills and is now commonly used to generate electricity in applications such as hy... more: <http://scientific.com.au/product.php?p=7449>  
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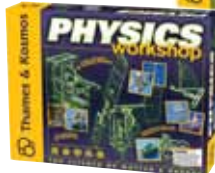
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ADVANCED PHYSICS KIT. The Physics Pro advanced physics kit is the biggest, most advanced physics kit from Thames and Kosmos. Other kits in the Thames & Kosmos Physic... more: <http://scientific.com.au/product.php?p=5412>  
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# Dissection and Chemistry Tray

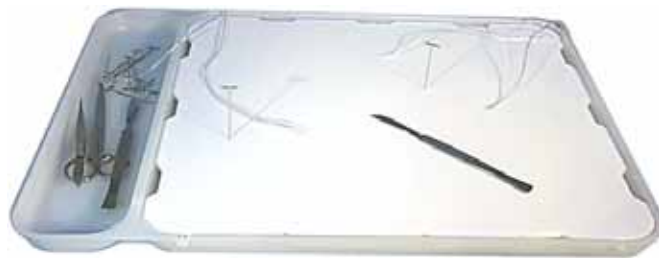
Order code: TRAY \$18.00

Each Tray is Supplied with one Mat

A unique multipurpose tray for use in Biology and Chemistry which has been designed specifically for laboratory safety and good practice when performing dissections and chemistry experiments.

## Features:

- \* Generous size. Overall: 470x335mm, Working area: 340x290mm.
- \* Autoclavable, chemical resistant and virtually unbreakable plastic.
- \* Convenient measuring scales with embossed graduations on edges.
- \* Special non-slip feet for safe and secure bench work.
- \* Easily washed and dried for excellent hygiene.
- \* Lightweight for ease of use and stackable for storage.
- \* 250ml liquid collection 'well' to keep working areas clean and dry .
- \* Over 1 litre can be contained before an overflow will occur.
- \* Separate 'clean' compartment for tools and instruments.
- \* Designed for long life in the Chemistry Lab.



Tray set up for a Dissection  
(Accessories not included)

## Special Biology dissection features:

- \* Accepts a special inner mat for animal dissections to permit the use of dissection pins.
- \* Has special anchor slits around the edge for fast secure fixing of limb spreading strings.
- \* Permits animal fluids to drain from dissecting area into the well to keep the dissection area clean.

## NOTES and INSTRUCTIONS FOR USE:

### For Chemistry:

- \* Lab staff can group all the equipment to be used for experiments in the tray and carry the whole set to the work place.
- \* Staff can easily check that all the equipment and tools are replaced in the tray before collection.
- \* Should a breakage or spillage occur the lab benches should be protected. Safety and cleanliness are greatly improved.
- \* Washing and cleaning is easy. With no messy benches to clean the use of cloths or wipes is reduced or eliminated.

### For Biological dissections:

- \* The nonabsorbent dissection mat has a tough skin that resists cutting but permits the use of normal dissecting pins. It is reversible and can be used on numerous occasions until a new mat is obviously required.
- \* To fit the dissection mat: simply press it firmly into the tray until it clicks into place.
- \* Limbs etc can be spread by tying them with string and then firmly wedging the end of the string into one of the slits on the edge of the tray.
- \* During dissection, standard dissecting pins can be pressed easily into the mat to hold back skin and other organs. The pins will hold firmly in the special mat when inserted to the full thickness of the mat.
- \* An important feature is that the fluids from the animal can flow across the nonabsorbent mat to run into the tray below to leave the dissection area fluid free. Unwanted soft tissue can be moved to the edge of the mat to fall into the tray below.
- \* Rinse the mat after use and allow clean water to run through the mat's inner flutes to flush out any residue. Simply shake/drip dry.
- \* Replacement mats are available in packs of 12.

**TRAY \$18.00 or \$15 each for 10 or more. Tray includes one mat.**

**MAT \$24.00 Pack/12 Spare Mats**



Embossed ruler around  
edges for quick,  
convenient  
measurements



Tray set up for a Chemistry Experiment  
(Accessories not included)



Anchor slits around  
edges to firmly hold  
limb spreading  
dissection cords

Prices do NOT  
include GST.

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### LABORATORY TROLLEY

3 Shelf Trolley on Castors with Brakes. Stainless Steel handles, powder coated steel shelves. Supplied in a flat pack, easily assembled with a screwdriver. 80x55x100cm (l x w x h).

**GE5579-01 \$310**



### SAFETY SCREEN

Guard against debris & splashes during classroom or laboratory experiments. Weighted base for added stability. Full height hinges on the side panels eliminate gaps. Manufactured from tough, clear polycarbonate. Compact, foam lined storage box. Size 830 x 600cm.

**GE3956-01 \$330**

### REAGENT BOTTLES

Multi-Purpose Graduated glass Reagent Bottles with Blue Screw Cap & plastic seal ring.

100ml	<b>LW1068-01 \$6.20</b>
250ml	<b>LW1069-01 \$7.20</b>
500ml	<b>LW1070-01 \$8.80</b>
1,000ml	<b>LW1071-01 \$16</b>
2,000ml	<b>LW1072-01 \$25</b>
3,000ml	<b>LW1073-01 \$39</b>
5,000ml	<b>LW1074-01 \$65</b>
10,000ml	<b>LW1075-01 \$120</b>
20,000ml	<b>LW1076-01 \$214</b>



### TRIPOD STAINLESS STEEL

Well made and will never rust, 200mm high.  
**LW4828-01 \$10**



### WIRES KIT

Ideal for school, University or TAFE. Contains "General Information on Wire" instruction sheet and ten 100gm reels of assorted wire as listed:  
Copper Wire (Bare): 18, 20, 22 and 28 SWG  
Copper Wire (Enamelled) 20 SWG  
Copper Wire (Tinned) 22 SWG  
Constantan/Eureka Wire 28 SWG  
Nichrome Wire 18, 22 and 24 SWG  
Plus 5 meters of FUSE WIRE  
**PA1620-01 \$133** per kit



### RUBBER TUBING

Bunsen Burner Gas Tubing  
8mm x 1.5mm  
**PA1390-01 \$2.50** per meter  
Pressure or Vacuum Tubing  
8mm x 3mm  
**PA1392-01 \$4.80** per meter  
Min. 1 meter, Max. 10 meters



### PORTA-GAZ

Porta-Gaz Portable Bunsen Burner  
**LW1618-01 \$38**

Tripod Stand for Porta-Gaz  
**PA4815-01 \$9**



### WATER TURBINE HYDROELECTRIC POWER DEMONSTRATOR

Great for teachers and students to demonstrate hydroelectric power, energy conversion and renewable energy sources.  
**EM1639-01 \$160**



### NET

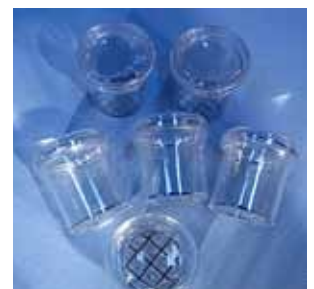
Long handle for collecting pond samples and/or insects  
Size: 92cm long  
Net Size: 25 x 17cm  
**EN1978-01 \$14**



### FILTER PAPER MEDIUM SPEED

Double Rings brand qualitative filter paper, 100 sheets per pack.

7cm	<b>LW3721-01 \$3.70</b>
9cm	<b>LW3722-01 \$4.80</b>
11cm	<b>LW3723-01 \$6.80</b>
12.5cm	<b>LW3724-01 \$7.80</b>
15cm	<b>LW3725-01 \$10.50</b>



### SPECIMEN VIEWER FOR INSECTS AND BUGS

Magnified with Grid, 25mm diameter  
**EN0166-01 \$1.50**

### MAGNETIC WANDS

**EM0555-01 \$4** each



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## TWO STAGED VACUUM PUMPS - THEY CAN MAKE WATER BOIL!

### NOT THE CHEAPEST - JUST THE BEST

This pump pulls and maintains such a good vacuum that a beaker of water will boil in an evacuated vacuum jar. Being a two-stage pump it is more expensive to manufacture but performs much better than a single stage pump. Some schools have tried and returned other suppliers' cheaper vacuum pumps but not this one. Pulls a vacuum of 0.05mm Hg (50 microns) and displaces 28 litres a minute. With a gas ballast to cope with moisture. Quiet in operation. The pump's low 4.5kg weight and carry handle makes it very portable. Heavy duty commercial design which romps home for school use. Size in cm: 24L x 22H x 11W. Note: a perfect vacuum would be 0.00mm Hg or 00 microns I.E. the lower the number the better.

**SC8001 \$835**

**SC1048 \$20** 1.5 metre of 6mm I.D. hose and pump attachment fitting (essential)

**SC8004 \$16.50** spare litre of oil (recommended)

The quality of this Chinese made pump is assured by the US parent company's quality control. Weighing 9kg (double the weight of the SC8001) it allows relatively easy, lifting and carrying. Pulls a 50 micron vacuum at a rate of 35 litres per minute and will make room temperature water boil under vacuum. Size 31.5Lx24Hx12W (cm). Personally I still prefer the much lighter SC8001 but this pump has a much lower price.

**SC8012 \$495** For essential hose fittings and spare oil see above.



SC8001

### NEW OVEN - INCUBATOR - DESSICATOR - DRIER

Australian made double walled oven with stainless steel interior and an enamelled steel exterior. This is a FAN circulated oven providing PRECISE DIGITAL TEMPERATURE CONTROL from 30°C to 150°C with an accuracy of +/-1°C, making it ideal for use not just as an oven but also as an incubator, dessicator or drying oven. The 600 watt heating element is visible in the base of the oven but is protected from touching by a perforated protection plate.

Tech specs: Resolution is 0.1°C up to 99.9 degree; resolution is 1°C at 100 degrees and over.

Accuracy: +/- 1°C typical at 100°C or +/- 1.5°C typical at 150°C

Size: exterior: 310x330x435mm LxWxH; interior 250x250x250mm. 15 kg

Power: 220-240V.AC. 50/60Hz. 3 AMPS.

**CH2251-001 \$1050** This is an introductory price, new stock will be \$1180 so don't miss out.

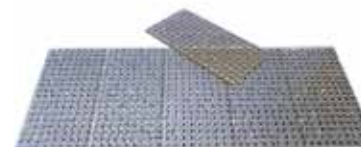


### NEW MAGNETIC THEORY PLATE

A transparent 100mm x 75mm x 6.3mm plastic plate holds small, free to rotate metal bars. A magnet placed on the plate makes each bar take up the shape of the magnet's magnetic field. The metal bars are blackened for greater visibility. Great for overhead use.

Contains 162 metal bars, arranged in 9 x 18 rows. This new product contains far more bars than the product we used to sell. This product is also innovative as it has small lugs that allow multiple plates to be attached along the long side. Pictured are 4 plates attached side by side with a 5th lying atop. The plates can be detached for easy storage or permanently glued to create a larger plate.

**SC7192 \$16** each



### HOOKE'S LAW APPARATUS

A great demonstrator to accurately confirm Hooke's Law in which the stretch of a body is seen to be directly proportional to its load. Use with brass weight sets of 5, 10 and 20 grams up to a total of 250 grams (not included). With an experiment sheet for Hooke's Law and Harmonic Motion Demonstrations, 3cm spring, 15cm mirrored scale and stand.

**SC7262 WAS \$92** now just **\$35**

### COLLISION TROLLEY - DYNAMICS CART

Australian made by IEC with safety latch to stop accidental firing. Low mass, low friction wheels are protected within the super strong and rigid non-twist body. With Velcro pads for non-elastic collisions. Accurate cart weight of 600g. Non-slip platform surface. Can be stacked for the doubling or tripling of weight. The original GENUINE product.

**MF0945-001 \$120** pair **NOW JUST \$97 A PAIR**

**NEW MODEL** Exactly the same Australian made Collision Trolley as above but without the 'firing pin' and therefore at a much lower price. Cart weight is just 450 grams.

**MF0946-001 \$55** a pair



SC4986

### LAB (DUST) COATS

A new range of low cost white Lab/Dust Coats. Sizes are:

Metric Size	Chest	87R	92R	97R	102R	107R	112R	117R	122R
Imperial Size		3	4	5	6	7	8	9	10

Both imported and locally made coats are available as priced below, both are made with hidden press studs for 'doing up'.

**SC4981 \$25** Imported Lab Coat, order as SC4981-Size eg SC4981-87R. With two external pockets plus an undivided internal breast pocket. Raglan Sleeves. Made from Poly/Cotton.

**SC4986 \$49** Australian made Lab Coat, order as SC4986-Size eg SC4986-87R. With two external 'hip' pockets and an external breast pocket with a fully stitched 'pen' divider, made of a slightly heavier material than the imported Lab Coat. Raglan sleeves. Made from Poly/Viscose Twill.

We also have imported Lab Coats made of Twill Poly/Cotton (65/35%) with hidden press studs and 3 spacious pockets, the breast pocket has stitching only at the top for a partial pen divider. The material weight is about the same as the Australian made SC4986 Labcoats. These coats are available in small, medium, large and extra large. The medium size equates to the 97R/5 size in the SC4981 and SC4986. With set-in sleeves.

**SC8701 \$45**



SC8701

## Need pricing fast?

With rapidly changing foreign exchange rates and prices we now have an on-line quoting facility that allows you to quickly generate and printout a quote at any time. Simply go to:

[www.scientrific.com.au](http://www.scientrific.com.au)

click on the **Quote** button and follow the prompts.

The quote facility enables you to vary quantities to meet budget constraints and can be used at a time to suit you - great when you suddenly need to confirm current prices. Apart from putting a lot of effort into ensuring website prices as are as up to date as possible we're also adding extra images and text for great product information.

Wholesale Scientific Equipment Supplier



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