



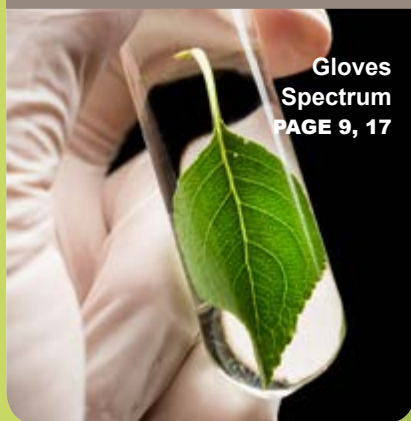
Scientrific®

Science Education Resources

**FEATURED:
ENERGY TRANSFORMATION
ALTERNATIVE ENERGY
MOLYMOD**



Lab Essentials - Biology



**Gloves
Spectrum
PAGE 9, 17**

Key Experiments and new Qld Mandatory Experiments

Go to:

www.scientrific.com.au/curriculum
to access our FREE Australian or Qld
curriculum aligned Key Experiments
or check these codes on our website:

KEPS24 - Crumple Zone Collisions.
Analyses the motion of a cart down a
ramp and the forces of impact under
different conditions.

KEBS3A - Photosynthesis and
Respiration Rates. Investigates
changes in rates of photosynthesis
under different light conditions.

Physics - Chemistry



**Lasers
PAGE 2**

IEC Geiger Counter with or without Internal GM Tube



SAVE

AP1884-001 \$594 \$580 With
AP1884-002 \$370 \$355 W/out

IEC Timer, Counter, Frequency Meter and Geiger Counter



SAVE

LB4071-101 \$580 \$566
 Mains powered

IEC LED Geiger Counter Mains Powered



SAVE

AP1886-101 \$450 \$439
 Bright LED display

Radioactive Sources Alpha, Beta or Gamma



PA2667-005 \$220 Alpha
PA2667-010 \$220 Beta
PA2667-020 \$220 Gamma

IEC Absorbers Set of 24 with Holder- Radioactivity



SAVE

AP0030-001 \$720 \$702
 Absorbers are 60 x 60mm

IEC MX168 Geiger Tube, Holder and Cable



SAVE

PA1885-050 \$390 \$381
 With BNC connector

IEC Wilson's Cloud Chamber without Source



SAVE

AP4660-001 \$390 \$381
PA2667-025 \$220 Point Source

Radioactive Source Electronic, Simulated



SPECIAL

AP2668-001 \$198 \$175
 Battery powered

IEC Franck Hertz Experiment Set



SAVE

AP1870-001 \$250 \$244
 Instructions on reverse side

Millikan's Apparatus with Power Supply



SAVE

AP2131-001 \$595 \$581
 A classic experiment

IEC Photo Electric Effect Planck's Constant - SIMPLE



SAVE

AP2343-001 \$92 \$89.70
 New low cost model


Photo Electric Effect Planck's Constant



SAVE

AP2341-002 \$495 \$483
 New model

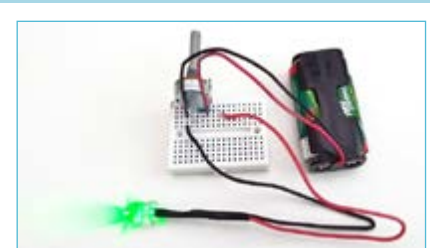
Clear LEDs that turn coloured with 200mm cable Pack of 10



As used in our Photon Energy Kit


SC33006C \$6 Turn red
SC33007C \$6 Turn green

Scientific Photon Energy - Planck's Constant Kit - Set of 5



SC1120-5 \$95 LEDs, potentiometer, breadboard, battery holder and batteries. Fully documented experiments from Scientific

Clear LEDs that turn coloured with 200mm cable Pack of 10



As used in our Photon Energy Kit

SC33008C \$6 Turn blue

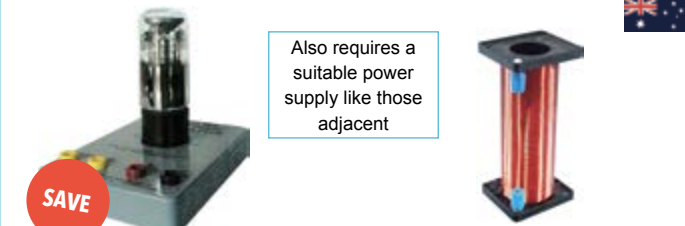
IEC High Voltage Power Supply with Filament Supply



SAVE

LB2621-001 \$429 \$126
 Output: 100 - 200V DC & 6.3V AC

IEC Mass of Electron Apparatus and Air Cored Solenoid



Also requires a suitable power supply like those adjacent

AP2120-001 \$440 \$108 Mass of electron Apparatus use with:
EM0090-001 \$85 \$82.90 Air Cored Solenoid 700 turns

IEC Power Supply Mass of Electron - Constant Current



SAVE

LB2622-001 \$420 \$399
 Output: 25 & 250V DC / 12V AC

IEC Hodson Light Box and Optical Set



SUPER SPECIAL

HL2060-001 \$414 \$95 or **\$87** ea. for 5+

IEC Hodson Light Box Replacement Lamp



PA2043-002 \$2.40 For latest version of the Hodson Light Box

IEC Spectrum Tube Power Supply



SAVE

HL3785-001 \$294 \$287
Tubes not included buy separately

IEC Spectrum Discharge Tubes Set of 6



SAVE

HL3784-001 \$470 \$166
H, He, Hg, N, Ar, Ne tubes

Red and Green Laser Diffraction Kit



INNOVATIVE

SC16000 \$295 Developed by the ANU for Scientrific

Laser Ray Box in Storage Case



IF-583 \$575
In foam lined storage case

Helium Neon Laser in Clear Case - Can be Modulated



IF-HN08MCLEAR \$905
Allows internal light to be studied

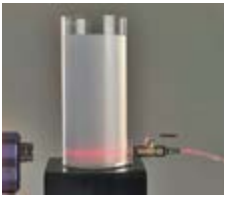
MiniLab II Designed by the ANU



INNOVATIVE

MINILAB II \$1195 Only available from Scientrific

Tyndall's Experiment - Light Through A Liquid



IF-514 \$91 Use water as a light guide

IEC LaserView Lenses Kit



SAVE



Light paths in bars


HL1985-001 \$130 \$127
6 lenses and two bars in a case

Laser Dot - Laser Voice Transmitter and Receiver



SC6070 \$290 With 9 volt batteries

X-Y Pattern Generator Twin Lasers



SPECIAL

IF-XYP \$525 \$299 Lasers create Lissajous Figures & more

Mercury Lamp High Pressure



LIMITED STOCK

SC3401 \$345 Mains operated, very limited stock

LED Light Source



SC17003 \$17 RGB LEDs with removable slotted end caps

IEC Spectral Lamp Power Supply & Holder without Lamp



SAVE

HL3794-101 \$245 \$239
NO lamp. Buy lamps separately

Laser Diffraction Kit



SC3652 \$270 18 Slits/gratings
SC3651 \$128 9 Slits/gratings

IEC Spectroscope - Popular Student Model



SAVE

HL3791-001 \$36 \$35.10
Best seller Australian made

Student Spectroscope 25x115mm



QUALITY

SC3650 \$115 High quality Spectroscope made in the UK

Spectroscope Direct Vision 22x97mm



VALUE

SC13387 \$30 Optical glass prisms and lenses

Keyring Laser Pointer Less than 1mW



SC5201 \$13 Class 2 Laser Pointer complying with AS2211

IEC Stroboscope Xenon Digital 240V AC XE



SAVE

LB3808-001 \$460 \$449
Accurate digital control

IEC Stroboscope Digital LED



SAVE

LB3806-001 \$260 \$254
Runs off 12V

IEC Lampholder for BA15D lamps



SAVE

HL2013-050 \$34 \$33.20
12 volt, 21 watt

Light - Lux Meter Digital To 50000 Lux with Cover




SC5015N \$52 Ideal for field and lab studies

Colour Wheel - Newton's




SC13957 \$69
Disc diameter 230mm

Glass Mounted Transmission Gratings 600 or 300 lines



SC3630 \$110 600 lines
SC3632 \$110 300 lines

Optical Slide 35mm Tricolour




SC3655 \$13 High quality product from the UK

Hologram - Chess Piece Optical Slide 35mm



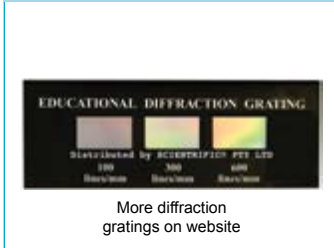
SC3657 \$21 Use any monochromatic light to view

Diffraction Grating 600 lines/mm



SC3608 \$31
Quality grating from the UK

Diffraction Grating 3 in 1 High Quality



SC3620 \$38 Quality UK made grating

Young's Slits Set of 3 High Quality Slides



SC3659 \$63 High quality product from the UK

IEC Diffraction Kit with Slits and Filters



SAVE

HL1670-001 \$50 \$48.80
Australian made

Adventures in Fiber Optics



IF-E60 \$65 Five projects and 20 experiments

Fibre Optic Speed of Light Kit




IF-SL-A \$370 Measure the speed of light in fibre optic cable

Fibre Optic Science Project Kit



IF-E33 \$75 With 224 page book, 8 experiments, 5 projects

Fibre Optic Kit - Analogue and Data Transmission



IF-OVL10-K \$75 One way communication (unassembled)

Fluorescent Minerals Story of Fluorescence - Book



SC6650 \$83 15 minerals
SC6130 \$10 Book

Fibre Optic Cable



SC5136 \$3.50 or **\$3** per metre for 10 or more metres

UV Beads Mixed Colours



SAVE

SC1093 \$30 \$10
Approximately 250 UV Beads

Blue Light Torch or Lantern Works with UV Beads



SC92022 \$8 LED Torch
SC92015 \$15 Lantern & Torch

Hydro Electric Generator or Dynamo



SCHEG \$345
Made in the USA


Hydro Electric Power Lab Dynamo



SAVE

HEPL001 \$460 \$149 Water generator with lamp and motor

Large Hand Driven Motor and Generator AC/DC



EM1443-01 \$150 With motor, lamp and 4mm terminals

IEC Motor Generator Hand Cranked AC/DC



SAVE Recommended

EM1758-001 \$440 \$108
Australian made product

Inductive Braking Kit



SAVE

SC15000 \$235 \$150 With thick copper and aluminium bars

IEC Induction - Rhumkorff Coil



SAVE

EM3450-001 \$310 \$303
25mm spark requires 12V DC

IEC Electromagnetic Induction Apparatus



SAVE

EM1740-001 \$222 \$217
Requires up to 12 Volts DC

Scientific Induction Tube - Basic Kit



NOVEL

SC1090 \$135
View our online in-use videos

Scientific Magnet Tube Kit - Resonance Tube - Lenz's Law



SC1011 \$59 Two tubes and a neodymium magnet

IEC Magnetic Field Demonstrators Set of 3



SAVE Spiral Coil pictured See website for other coils

EM2067-001 \$442 \$110
Spiral, round & rectangular coils

IEC Mutual Induction Apparatus Set



SAVE

EM2220-001 \$82 \$80
Two coils & removable iron core

IEC Electromagnet



SAVE

EM1820-001 \$60 \$58.50
Requires up to 12 Volts DC

Magnetic Field Demonstrators Oil filled or Plain



INNOVATIVE

SC7195 \$22 Filings in oil
SC7192 \$14 Connecting plates

Alnico Major Magnet - Incredibly Strong




SC6040 \$450 88x83x60mm (HWD) gap between poles 54mm

Scientific Magnet and Remagnetiser



SC1008 \$35 Quickly remagnetise iron magnets

3D Compass Set of 10



999 010 \$96.20
Size: 80x5x27mm


Alnico Magnets - Australian



VALUE

SC6030 \$11 Bar magnets
SC6031 \$13 Horseshoe

Super Magnets Neodymium PAIR, 19 dia. x 28.2mm



Includes storage tube

SC5882 \$23 pair. For safety we only sell sleeved magnets

Super Magnets Neodymium PAIR, Sleeved, 22 dia. x 10mm



Includes storage tube

SC4401SP \$22 or **\$20** pair for 10+, sleeved for safety

Scientific - Magnet Tongs



Magnet not included

SC1009 \$26 To suit our SC4401SP magnets

Scientrific - Electrostatic Tube



SC1066 \$24
Rub to make the balls dance

Scientrific - Van de Graaff Accessory Kit



SC1002 \$129 Use with Van de Graaff generators

IEC Electronic Electroscope, Coulomb Meter



SAVE
EM1100-001P \$95 \$92.70
Electronic electroscope

IEC Electroscope Metal Vane



SAVE
EM1810-001 \$44.50 \$43.40
Traditional electroscope

Alligator Clips to Oscilloscope (BNC) Cable



428-4227 \$8 Quickly connect circuits to an oscilloscope

25MHz Dual Trace Digital Storage Oscilloscope



SC2250 \$499 Supplied with two leads and probes

IEC Student Power Supply 2 to 12 volts AC/DC to 5 amps



SAVE
L2629C pictured. Prices per each
LB2629-001 \$150 \$115 5+\$105
LB2629C \$160 \$125 5+\$115

IEC Student Power Supply 2 to 12 volts AC/DC to 5 amps



SAVE
Slightly larger than LB2629-001 to left
LB2634-001 \$158 \$126.50
\$115 each for 10+

Alligator Clips - IEC Pack of 10



PA0160-001 \$6 Plain
PA0160-101 \$6 Black
PA0160-201 \$6 Red

IEC Cable 600mm with Stackable 4mm Banana Plugs



Other colours and lengths on website
PA0700-001 \$5 Black
PA0700-004 \$5 Red

IEC Cable 300mm with Stackable 4mm Banana Plugs



Other colours and lengths on website
PA0695-001 \$4.40 Black
PA0695-004 \$4.40 Red

Cable with Alligator Clips Pack of 10



PACK OF 10
SC15157 \$16 60cm
SC15160 \$16 60cm

IEC Contact Key



EM1010-001 \$14.50 with 4mm banana sockets

IEC Electricity Kits Supplied in Sturdy Aluminium Case with Compartments



EM1763-001 contents can vary
Also see Electronic Kit online.
EM1763-001 \$980 \$956 AC/DC Theory Standard Kit
EM1763-020 \$1140 \$1112 Advanced Electricity Kit
EM1763-010 \$1273 \$1241 Advanced Electricity Kit

Alligator Clip Leads Pack of 10



PACK OF 10
SC5502 \$10 or **\$9.70** ea. 5+
SC5501 \$6.30 or **\$5.80** ea.5+

Light Bulbs MES Pack of 10



PA2040-008 \$9.80 12V 500mA
PA2040-006 \$9.80 6V 50mA

More bulbs on website

MES Lampholder Base Pack of 10



SAVE
SC92005 \$12 \$8 Pack 10

Knife Switches



SC13867
SC13858 from **\$1.80** (5+) SPST
SC13867 from **\$3.70** (5+) DPDT

More on website

LEDs with 200mm cable Pack of 10



SC33001 \$6 Red
SC33002 \$6 Green
SC33003 \$6 Blue

Storage Case for SC5000 Multimeter



SAVE

SC2260 \$5.70 Suits small multimeters and similar items

Multimeter - Digital - Best Selling



SC5000 meter in SC2260 case

SC5000 \$9.50 \$8.60 each or **\$6.80** for 10+

IEC Digital Voltmeter Australian Made - DURABLE



SAVE

LB2123-001 \$66 \$64.40
No knobs or fuses, 'unbreakable'

IEC Ammeter Digital Australian Made - DURABLE



SAVE

LB2122-001 \$66 \$64.40
No knobs or fuses, 'unbreakable'

Voltmeters DC Triple and Single Range



SC13078 \$18 3V, 15V, 30V
SC13093 \$18 0 to 15V

Voltmeter Single Range Quality Korean/Japanese



SC7523 \$42 0 - 20 volts DC (similar to pictured ammeter)

Ammeter and Voltmeter DC



SC13150 \$35 0.1, 1, 10, 50V and 100µA, 100mA, 1A, 5A

Ammeters DC Dual and Triple Range



Limited stock

SC13099 \$18 1A and 5A
SC13096 \$22 50mA, 500mA, 5A


Environment Meter and Multimeter



SAVE

SC5039 \$417 \$110 Volts, amps, ohms, humidity, lux, temp,

Multimeter Analogue with Holster



VALUE

SC5005 \$26 With holster and audible continuity, limited stock

True RMS Auto-ranging Multimeter



SC2263B \$35.50 Holster, auto off, carry bag, thermocouple

IEC AC Circuits Experiment Set



SAVE

EM0050-001 \$990 \$966
Resistors, capacitors, inductors

Genecon Hand-held Cranked Generator



SAVE

SC179015 \$20 or **\$18** ea 10+
Use 2 as a motor - generator set

IEC Induction Kit



EM1973-001 \$226 \$221 For motor and transformer lessons

IEC Electronics Kit Basic



SAVE

EM1764-001 \$780 \$761
With Experiment Manual

IEC Electric Motor Kit - Hodson Self Build Pack of 2



SAVE

EM2193-201 \$36 \$35.10 or **\$32.40** each for 5+

IEC Dissectible Transformer



EM1660-001 \$650 \$634
Requires adult supervision

IEC Helmholtz Coils Pair 150mm Diameter



SAVE

EM1915-001 \$150 \$147
Measures magnetic fields

IEC Current Balance Kit



SAVE

Solenoid EM0090-001 is NOT included

EM1230-001 \$57 \$55.60
Use with an Air Cored Solenoid

IEC Resistor Sets



EM2710-001 \$89.70 Set of 7
EM2710-002 \$100 Set of 8

IEC Collision Trolley - Dynamics Cart - Pair



MF0945-001 with Firing Pin pictured

SAVE

MF0946-001 \$75 \$68 no pin
MF0945-001 \$120 \$108

IEC Circular Motion Kit



MF0848-001 \$110 Power supply & retort stand not included

IEC Collision in 2 Dimensions



SAVE

MF1000-001 \$28 \$27.30
Track & Balls. Clamp not supplied

IEC Ticker Tape Recording Timer



SAVE

LB2670-001 \$55 \$53.70
Check website for consumables

IEC Kundt's Apparatus



SAVE

SW1996-001 \$298 \$291
50mm diameter 800mm long

IEC Vibrator For Vibrating Strings and Standing Waves



SAVE

SW4220-001 \$136 \$133
Melde's Apparatus

Buzzers - More Reliable than Electric Bells



SC5801 \$2.65 3 - 16V DC
SC5802 \$9.05 4 - 16V DC

IEC Microwave Apparatus Complete Kit



SAVE

SW2140-001 \$730 \$712
With great Experiment Manual

IEC Wave Motion Apparatus



SAVE

SW4250-001 \$450 \$147
Longitudinal & transverse waves

IEC Air Track Kits and Air Source for Air Tracks or Tables



MF0107Z-001 \$610 2 metre
MF0105Z-001 \$685 2.5 metre



SAVE

LB0115-002 \$245 \$239
Mains operated Air Source

Free Fall Apparatus - Digital Display



002 050 \$650 With 4 digital display photogates

IEC Signal Generator - Audio Oscillator



SAVE

LB3753-101 \$290 \$283
Bright LED display

dB Sound Level Meter Mini



SAVE

SC5038 \$447 \$110 Range: 30 to 130dB, A or C weighted

IEC Large Loud Speakers Quality Wave Lab



SAVE

LB2065-001 \$426 \$123
0.1 to 100kHz single channel

IEC Wave Lab Signal Generator - Audio Oscillator



SAVE

LB3756-101 \$770 \$751
Dual channel precision oscillator

IEC Wave Demo Spring Short Slinky



PA4260-002 \$20 70mm diameter, stretches to 10 metres

IEC Wave Demo Spring Set Long Helical and Slinky (10m)



SW4260-001 \$33.20 At rest sizes: 20x1800 and 70x100mm

IEC Pendulum Bobs



More bobs on website

MF2290-001 \$12.50 set of 3 brass
MF2292-001 \$4.50 20mm brass
MF2295-001 \$2.20 20mm plastic

Gyroscope Wheel Gyroscope Platform



SAVE

MF1890-001 \$470 \$166 Wheel
MF1891-001 \$40 \$39 Platform

Horizon Bio-Energy Discovery Science Kit



SAVE

FCJJ-22 \$214 \$171 Convert ethanol to electricity

Horizon Super Capacitor Science Kit



SAVE

FCJJ-35 \$249 \$218 Hand dynamo, super capacitor, meter

Horizon Micro Fuel Cell Science Kit



Requires a source of hydrogen.

SAVE

FCJJ-44 \$251 \$220 Metal hydride storage, fuel cell and fan

Horizon Thermal Power Science Kit



SAVE

FCJJ-38 \$281 \$246 Thermal difference creates electricity

Horizon Wind to Hydrogen Science Kit



SAVE

FCJJ-56 \$291 \$254 Turn wind energy into hydrogen

Horizon EduStak Junior



Requires a hydrogen source

SAVE

FCSU-32 \$2043 \$1788 4 watt, feed air and hydrogen to the stack to produce electricity for powering your models, robots, phones etc.

Horizon Electric Mobility Experiment Kit



SAVE

FCJJ-30 \$329 \$288 Fuel cells, solar panel, dynamo & car

Horizon Electrolysers - Pack of 5



SAVE

FCSU-010 \$267 \$214 Convert water to hydrogen and oxygen

Horizon Energy Box



Includes FCJJ-24 Energy Monitor

SAVE

FCJJ-40 \$1740 \$1523 A range of fuel cells to compare: a PEM hydrogen fuel cell, the salt water fuel cell and a direct ethanol fuel cell

Horizon Renewable Energy Monitor



SAVE

FCJJ-24 \$245 \$196 Monitor and export data to Excel

Horizon Renewable Energy Education Lab



SAVE

FCJJ-33 \$634 \$552 Includes Energy Monitor

Stirling Engine - Convert Sunlight to Mechanical to Electrical Energy



SAVE

620325 \$220 \$195 A great STEM activity with 64 page coloured book

Horizon PEM Electrolysers / Fuel Cells Pack of 5



Note: colour can be blue or clear

SAVE

FCSU-023 \$336 \$269 Reversible fuel cells

Horizon H-Racer 2.0



SAVE

FCJJ-23 \$200 \$160 Solar panel, fuel cell and hydrogen car

Horizon Hydrostik Pro



Limited stock

SAVE

LWH22-10L-5(PRO) \$46 \$40 Hydrogen storage cannister

Horizon Ethanol Fuel Cell Science Kit



SAVE

FCJJ-42 \$243 \$212 Convert ethanol to electricity to power fan

Plastic Fan Blade 1.9mm Bore Pack of 10



Design your own windmills

PACK OF 10


SC33011 \$10 Pictured with motor (SC33021) not included

KidWind Basic Wind Experiment Kit



KW-BWX \$240 Mechanically lift weights or generate electricity

KidWind Visual Voltmeter



KWH0024 \$25.20 An ideal alternative to traditional voltmeter

KidWind Sound and Light Board



KW-SLB \$19 Connect to solar panel to play music or light LEDs

KidWind Science Project Kit



KWA0024 \$110 Investigate generators, pumps, gears & more

KidWind GENPack

Top: GenPack on KWA0014 (not included).




KW-GP \$97 Build your own generator, attach to motors etc

KidWind MINI Wind Turbine



KW-MWT \$86 Build a desktop wind turbine. With output board

KidWind MINI Wind Turbine with Blade Design



KW-MWTBD \$130 Build a wind turbine & design your blades

KidWind Solar Energy Exploration Kit



KW-SEEK \$154 Learn about solar panel output efficiency

KidWind Windwise: Wind Module #2



KWA0056 \$100.70 Includes materials and teacher resources

KidWind Windwise: Windmills Module #3




KWA0057 \$152 Includes materials and teacher resources

KidWind Windwise: Generators Module #4



KWA0058 \$142.60 Includes materials and teacher resources

KidWind Windwise: Set Complete Curriculum Binder



KWF0093 \$118.70 Includes materials and teacher resources

KidWind Simple Hand Generator Kit



KWA0051 \$75 An easy to build AC generator or motor

KidWind Wind Turbine Hub




KW-WTH3 \$43 Pack 3
KW-WTH10 \$141 Pack 10

KidWind Dowels 100 Pack




KW-D100 \$19 Use with KidWind Hub, size: 125x6.4mm

KidWind Generators with long Leads



KW-HIGEN \$20 High torque
KW-GEN \$15 Power, low RPM

KidWind Basic Turbine Building Parts



KW-BTPART \$31 Generator, hub & dowels to build a turbine

KidWind Blade Pitch Protractor



KW-BPP \$9 Precisely measure the pitch (angle) of turbine blades

KidWind Airfoil Balsa Blade Sheets



KW-ABBS10 \$41 10 sheets of pre-shaped turbine blades

KidWind Balsa Blade Sheets



KW-BBS10 \$26 10 sheets of balsa suitable for turbine blades

IEC Electric Motor - Generator



EM1759-001 \$53.70 4mm sockets, 12V DC, 123x88x68mm

Electric Motor and Gearbox



SC5755 \$11 3 volt motor 6 step gearbox

Dynamo or Motor, Hand-cranked



SC5237 \$15 Join two as a motor generator set

Electric Motors Pack of 5



SAVE
SC33021 \$8.50 \$7.50
Requires 3 volt 25mA

Dynamo Torch - LED



SC92018 \$8 or **\$7** each for 10 or more

Heavy Duty Electric Motor



SC5750 \$12.50 12 volts DC, 13,000 RPM, 3.175 mm shaft

Solar Motor with Connecting Leads



SAVE
SC52410 \$5.50 Special \$4 or **\$2** each for 20+

IEC Electric Motor Generator



EM1760-001 \$34 \$30.30
Ideal for energy conversion

Peltier Modules - Hot one side, cold the other



SC5450 \$22
Requires 12-15 volts at 4 amps

Solar Panels with Alligator Clip Terminated Leads



SAVE
SC0033-01 \$10.90 \$8.90 2V
SC0035-01 \$23.70 \$17.30 6V



SAVE
SC0034-01 \$13.50 \$12.50 3V
SC0036-01 \$88.20 \$56.80 12V

KidWind Solar Thermal Exploration



KW-STXK \$108
Study how solar hot water works

KidWind Sun Angle Science Kit with 3 Solar Panels



KWC0024 \$57.60
Examine solar panel variables

IEC Solar Fan on Base



EM3732-001 \$41
With fan shroud

IEC Solar Demonstrator



EM3730-001 \$144
With storage capacitor & loads

KidWind Solar Battery Charging Kit



LIMITED STOCK
KWA0030 \$61.20
Charge AA & AAA batteries etc

Solar Racer - Laser Cut Plywood



BDGSR \$56 Geared with solar panel, limited stock

Solar Power and Energy Transformation Kit



SC7250 \$18
In plastic storage jar, great value

Educational Solar Energy Kit



SAVE
SC52400 \$22 \$15.50 each or **\$11** each for 20+

Solar Educational Kit Basic



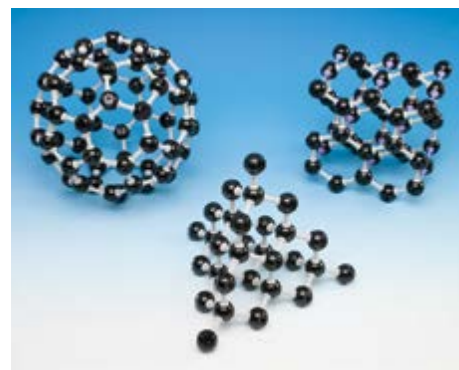
SAVE
SC52405 \$15.40 \$9 each or **\$7** each for 20+



The molymod® VSEPR (Valence Shell Electron Pair Repulsion) kit makes 14 different shapes, including: linear (BeCl_2), trigonal planar (SO_3), see-saw (SF_4) and t-shaped (ClF_3).
MKO-VSEPR-14 \$45

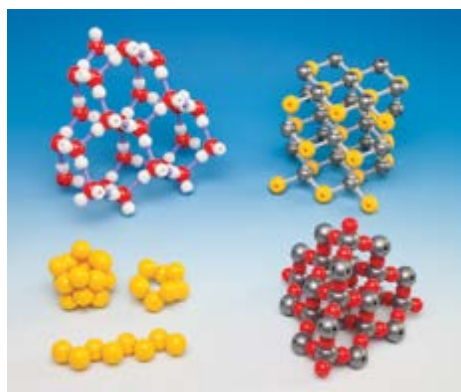


Molecular Orbital Organic Structures Set: Ethane, Ethene and Ethyne and Benzene.
MOS-900-4 \$69

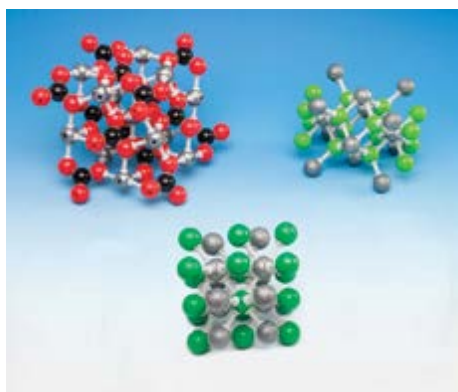


Buckminster Fullerene **MKO-102-60 \$37**
Graphite **MKO-101-45 \$36**
Diamond **MKO-100-30 \$26**

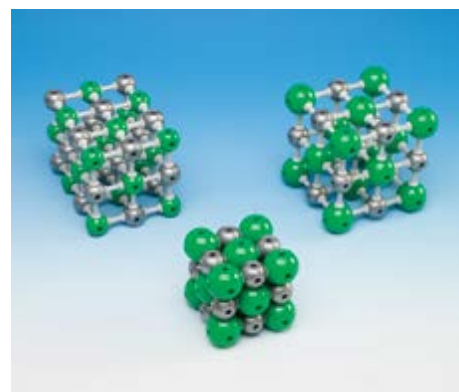
(Text refers to pictures viewed from top left in clockwise direction)



Ice 26 water units **MKO-123-26 \$36**
Zinc sulphide **MKO-125-45 \$35**
Silicon dioxide **MKS-137-66 \$34**
Sulphur S8 **MKS-103-24 \$20**



These 3 kits come pre-assembled.
Calcium carbonate **MKO-126-66 \$56**
Calcium fluoride **MKO-132-30 \$34**
Caesium chloride **MKO-133-30 \$45**



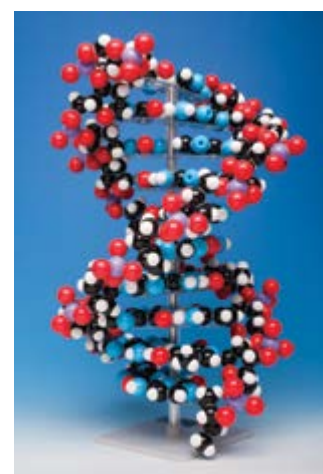
Sodium chloride **MKO-124-36 \$33** (36 atoms)
Sodium chloride **MKO-127-27 \$32** (27 atoms pictured open)
Sodium chloride **MKO-127-27 \$32** (27 atoms pictured compact)



Fat (glyceryl tristearate) **MKS-114 \$54**
Glucose **MKS-115-2 \$26**
Sucrose **MKS-116 \$27**
Starch or Cellulose **MKS-118-3 \$37**



Alpha helix 15 peptides **MKS-121-15 \$47**
Protein beta-pleated sheet **MKS-120-15 \$47**
5-unit polypeptide chain **MKS-120-5 \$24**



DNA 10-layer self-assembly kit
Compact model, 640 parts & stand
MKS-122-10 \$355

Scales:
Open / Ball & stick 2.5cm / Ångstrom
Closed / semi-space filling 1.5cm / Ångstrom

Atom-parts:
Range from 17mm to 23mm diameter.

Bonds:
Single bonds are represented by 19mm medium links and multiple bonds by longer, 30mm flexible links. For compact models, bonds are represented by 2mm short links.

Valence:
Is represented by the number of holes:
1 hole (I), 2 holes (II), 3 holes (III), 4 holes (IV), 5 holes (V), 6 holes (VI).

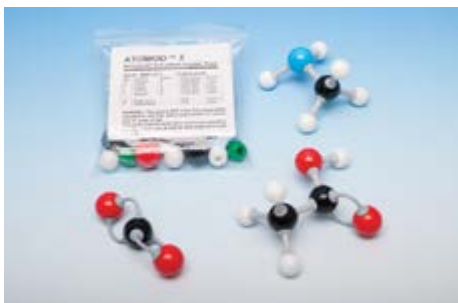
Please contact us for details of our full range.

Important Notice:
These products are not toys, they are designed for educational use and are only suitable for students 12 years of age and over. All products featured on these pages contain small parts.

 **WARNING CHOKING HAZARD** - small parts. Not for children under 3 years.

Atomod™ Organic Pack 19 atoms

Supplied in a re-sealable plastic bag.

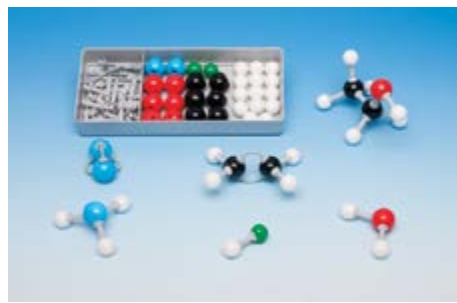


10 Hydrogen (I), 4 Carbon (IV), 2 Oxygen (II),
1 Nitrogen (III), 2 Halogen (I),
Links: 20 Medium grey, 4 Long flexible.

MMP-AT2 \$13

Elementary Organic Set 30 atoms

Supplied in a narrow 2 compartment plastic box.



14 Hydrogen (I), 6 Carbon (IV), 6 Oxygen (II),
2 Nitrogen (IV), 2 Halogen (I),
Links: 20 Medium grey, 4 Long flexible.

MMS-015 \$21

Organic (Student) Set 50 atoms

Supplied in a 4 compartment plastic box.



20 Hydrogen (I), 12 Carbon (IV), 6 Oxygen (II),
4 Nitrogen (III, IV), 2 Sulphur (IV, VI), 1 Phosphorus (IV),
4 Halogen (I), 1 Metal (I),
Links: 26 Medium grey, 12 Long flexible and 26 Short.

MMS-008 \$36

Inorganic Organic Student Set 52 atoms

Supplied in a 4 compartment plastic box.



14 Hydrogen (I), 6 Carbon (IV), 7 Oxygen (II, IV),
3 Nitrogen (III, IV), 2 Sulphur (II, VI), 2 Phosphorus (III, V),
6 Halogen (I), 8 Metal (I, II, III, IV, VI), 1 Boron (III),
3 Brown (IV, V, VI), 3 Lone pair 2D paddles (beige),
Links: 20 Med. grey, 5 Med. purple, 12 Long flexible.

MMS-009 \$36

Advanced Chemistry Set 64 atoms

Supplied in a 4 compartment plastic box.



18 Hydrogen (I), 8 Carbon (IV), 7 Oxygen (II, IV),
6 Chlorine (I), 6 Fluorine (I), 4 Nitrogen (III, IV), 3
Sulphur (II, IV, VI), 2 Boron (III, IV), 4 Phosphorus (III, IV, V, VI),
6 Metal (II, III, IV, VI),
3 Lone pair 3D lobes (beige),
Links: 26 Med. grey, 5 Med. purple, 12 Long flexible.

MMS-002 \$39

Inorganic Organic Teacher Set 108 atoms

Supplied in a large plastic box.



14 Hydrogen (I, II), 20 Carbon (IV, V), 22 Oxygen (II, IV),
10 Nitrogen (III, IV), 13 Sulphur (II, IV, VI), 7 Phosphorus (III, IV, V),
8 Halogen (I), 14 Metal (I, II, III, IV, VI), 18 Lone pair 2D paddles (6 pink, 6 purple, 6 beige),
Links: 38 Medium grey, 12 Medium purple, 36 Long flexible.

MMS-004 \$66

Organic Teacher Set 111 atoms

Supplied in a large plastic box.



40 Hydrogen (I), 38 Carbon (II, III, IV, V), 12 Oxygen (II),
4 Nitrogen (IV), 2 Sulphur (II, IV), 4 Phosphorus (IV),
8 Halogen (I), 3 Metal (I, II), 18 Lone pair 2D paddles (6 pink, 6 purple, 6 beige),
1 Link remover,
Links: 55 Medium grey, 25 Long flexible and 60 Short.

MMS-003 \$66

Biochemistry Teacher Set 262 atoms

Supplied in two large plastic boxes.



100 Hydrogen Atom-links (molydome), 10 Hydrogen (II),
68 Carbon (II, III, IV), 40 Oxygen (I, II), 34 Nitrogen (II, III, IV),
2 Sulphur (II), 6 Phosphorus (IV), 2 Metal (IV, VI),
2 Link remover tools,
Links: 150 Non-vis colourless links, 10 'V' links.

MMS-007 \$126

Adam Core Balances
200g x 0.01g, 600g x 0.1g



SAVE

CQT 202 \$300 \$229
CQT 601 \$199 \$152

A&D Balance
200g x 0.1g



SAVE

HL-200i \$150 \$75
Fantastic value

Adam Balances
200g x 0.1 or 2000g x 1g



SAVE

DCT 201 \$99 \$68
DCT 2000 \$99 \$68

Adam Balances
4000 or 8000 x 0.1g



SAVE

PGL 4001 \$825 \$589 4kg
PGL 8001 \$1025 \$699 8kg

Adam Core Balances
2000g x 1g or 2600g x 0.1g



SAVE

CQT 2000 \$168 \$99 2kg x 1g
CQT 2601 \$315 \$245 2.6kg x 0.1g

Adam Highlander Balances
with Rechargeable Batteries



SAVE

HCB 602H \$495 \$385 600x.01g
HCB 1002 \$545 \$423 1kgx.01g

Latex Gloves 3 Sizes, optional
Stainless Steel Dispenser



BOX OF 100 **SC4965 \$37** Dispenser

SC4966S, SC4967M,
SC4968L \$10 \$7.80 box

Gloves - Vinyl
Box of 100 gloves. 4 sizes



BOX OF 100

SC4956S, SC4956M,
SC4956L, SC4956XL \$6 \$5

Petri Dishes - Pack of 20
90 x 14mm Gamma Sterilised



VALUE

SC6280 \$5.40 Clean Room
SC6285 \$6.30 Gamma Sterilised

IEC Bunsen Burners
For LPG and Natural Gas



CH0421-001 \$14 LPG
CH0422-001 \$14 Nat Gas

IEC Test Tube Racks Suit 10 &
16mm OR 25mm Test Tubes



CH3989-401 \$14 10/16mm
CH3989-601 \$14 25mm

Stopwatch Uses one
AA Battery (supplied)



SC7060 \$25 \$22 each or
\$20 each for 10+


Apron Lightweight Plastic



SAVE

SC92012 \$50 \$25 Pack of 10

Stainless Steel Trolley
Three easy to clean shelves



SC9035N \$290
932 high, 925 long, 610mm wide

Trolley - Three Shelf with
Brakes



GE5579-01 \$380 900mm
high, 850mm long, 450mm deep

IEC Brass Slotted Weights
Accuracy 0.5%



More weights
and parts on
website

MF4300-001

MF4300-001 \$46.80 50g set
MF4303-001 \$28.30 10g set
MF4301-001 \$63.40 100g set

Dabco Unitube - Plastic



SC9109 \$3.40 Safe
alternative to glass test tubes


Dabco Unitray
High impact styrene



SC9100 pictured
SC9103 has no insert

SC9100 from **\$3.80** ea for 25+
SC9103 from **\$2.70** ea for 25+

Spring Balances



More on website.

SC13576 \$5 30N/3000g
Great value

Spring Balance
10kg and 100N



SC7057 \$10 White body,
graduated in Newtons and Kg

IEC Hot Plate Simmerstat Plain Top



SAVE

CH1920-001 \$275 \$269
240 volts, best to boil water

IEC Hot Plate Thermostat Plain Top



SAVE

CH1922-001 \$350 \$342
240V, best temperature control

IEC Hot Plate Simmerstat PTFE Top



SAVE

CH1921-001 \$305 \$298
240 volts, easy clean PTFE

IEC Magnetic Stirrer Hot Plate Thermostat 240 volts



SAVE

CH2092-001

CH2092-001 \$480 \$430 Plain
CH2093-001 \$510 \$460 PTFE

IEC Magnetic Stirrer Hot Plate Simmerstat Plain Top



SAVE

CH2090-001 \$415 \$375
240 volts AC

IEC Magnetic Stirrer Hot Plate Simmerstat PTFE Top



SAVE

CH2091-001 \$445 \$425
Non-stick top 240V AC

IEC Simmerstat or Thermostat?

Helpful Information regarding IEC Hotplates:

Accuracy of the temperature control is the main difference between a thermostat and simmerstat.

A thermostat is more accurate but the simmerstat is better for getting a higher temperature e.g. for boiling water.

Classic Media Steam Steriliser - Autoclave



VALUE

SC210048 \$2089 12L
SC210047 \$1644 9L

IEC Oven Fan-circulated Digital Control



SAVE

CH2251-001 \$1180 \$1151
Stainless steel interior

IEC Water Bath Tank use with IEC Hot Plate and/or Controller



Tank on NOT included Controller and Hotplate

CH4240-001 \$215 \$210
Stainless steel tank only

IEC Water Bath Temperature Controller



CH4240-101 \$160 \$156
Controller use with Tank (left)

Vernier Magnetic Stirrer



STIR \$287 Illuminated base, stir bar, power supply

Scientific Vacuum Free Fall Tube (Feather & Guinea Tube)



SC1045 \$78 Paper/metal are dropped down an evacuated tube

IEC Vacuum Surface Plate



LB3900-001 \$186 Surface Plate for use with a Bell Jar

Scientific Vacuum Jar



SC1047 \$319 Very durable, made by Scientific

Vacuum Pump Electric



SAVE

SC8012 \$495 \$395
35 litres per minute

Silicon Mat - Large NEW



Beaker not included.

SC7606 \$21 300 x 400mm, smooth surface both sides


Silicon Mats



Beaker not included.

SC7600 \$6 \$4 150 x 150mm
SC7605 \$10.50 \$8.50 250mm

Silicon Hand Safety Grip



SAVE

Beaker not included.

SC7608 \$11 \$8
Safely handle hot objects

Silicon Bunsen Tubing



SAVE

SC7612 \$4.80 \$4 per metre
Flexible non-roll silicon tubing

Beakers Borosilicate Low Form



SC7103 \$2.40 50ml
SC7104 \$3.00 100ml

Beakers Borosilicate Glass Low Form



LW0148-01 \$3.90 300ml
SC7109 \$5.20 600ml

Beakers Borosilicate Glass Low Form



SC7106 \$3.80 250ml
SC7107 \$4.00 400ml
SC7108 \$4.90 500ml

Glass Measuring Cylinder



LW1847-01 \$4.80 10ml/0.2ml
LW1867-01 \$5.90 25ml/0.5ml

Retort Stands



SC7323

SC7321 \$15 160x100mm
SC7322 \$19 200x125mm

Retort Stands




More on website

SC7323

SC7323 \$24 250x160mm
SC7324 \$34.50 315x200mm

Test Tube Holder Packs of 10



PACKS OF 10

SC14296 \$67 Brass prongs
SC14284 \$10 Wooden peg

Cork Borers



SC14323 pictured

SC14320 \$25 Set of 6
SC14323 \$58 Set of 12

Retort Clamps



SC92007 pictured
LW1667-01 is similar

SC92007 \$8 Cork Lined
LW1666-01 \$8 3 Prongs

Gauze Mat Pack of 5 Stainless Steel 150 x 150mm



SC92011 \$17.50 or **\$16.20** for 10 or more


Scientific's Stainless Steel Tripod and S/S Mesh Mats



INNOVATIVE

SC92004 \$64 5 Tripods & mats
SC92002 \$17.50 Five mats

Scientific's Stainless Steel Tripod



SC92000 \$10 200mm high, extremely durable

Vernier Infrared Thermometer



IRT-BTA \$394 Stand alone Thermometer & Vernier sensor

Infrared Thermometer



SAVE

SC5036N \$54.50 \$48 With laser targeting

Digital Water Resistant Thermometer



SC6526 \$39 -10 to 200°C max and min temperature recall

Infra Red Thermometer - Professional Non-contact



SAVE

SC5037 \$226 \$210 Range -50 to 1000°C


Thermometer -10 to +110°C Red Spirit Pack of 10



SAVE

SC92009 \$49 \$30 Ten thermometers with anti-roll ring

Thermometer Tray with or without 10 Thermometers



INNOVATIVE


SC1220 \$23 Waterproof tray
SC1221 \$53 With thermometers

Glass Alcohol Burner



SC7001 \$6 125ml
SC7005 \$4 Pack 10 Wicks


Burette Acrylic with TPX/PTFE Stopcock



Stopcock detail

LW1507-01 \$20 50ml with TPX/PTFE stopcock

Air Burst Rocket




AB001 \$89
Requires pump for operation

IEC Pulley Vertical Adjustable with Universal Bench Clamp



MF2593-001 \$30.60 40mm clamp, 50mm pulley, 200mm rod

Pulleys 50mm diameter



SC14820 \$1.30 Single
SC14825 \$2.00 Double
SC14830 \$2.60 Triple

IEC Pulley



MF2590-001 \$13
50mm diameter with clamp

IEC Heat Conductivity Ring Brass Copper Alum. and Iron



HL0910-001 \$28 \$27.30
250x250x10mm

IEC Compound or Bi-metal Strip



HL0883-001 \$8.20
Bi-metal strip on stainless handle

IEC Bar and Gauge



HL0210-001 \$23.40
For heat expansion experiments

IEC Ball and Ring



HL0200-001 \$20
For heat expansion experiments

IEC Joule's Calorimeter Inner and Outer Cups




HL0820-001 \$33 \$32.20
With lid and stirrer, no heater

IEC Joule's Calorimeter Foam Insulation




HL0830-001 \$5.70 Foam insulation with lid for HL0820-001

IEC Joule's Calorimeter Complete Kit




HL0840-001 \$28 \$27.30
With lid, stirrer, heater

IEC Deflagrating Spoon




CH1681-001 \$7 Brass cup
CH1683-001 \$7 Iron cup

IEC Hooke's Law Springs




MF1918-101 \$19.20 Set of 6 Proportional Springs

IEC Hooke's Law Springs




MF1918-001 \$19.20 Set of 5 Non-proportional Springs

IEC Metals Kit Set of 8 Rods



LB2100-001 \$17.50 Brass, Al, Cu, Fe, Pb, Ni, Sn and Ti

IEC Cube Set. 5 Metals, 2.5cm Square



LB1210-001 \$43 \$42
Brass, Al, Cu, Fe, Pb

Glass Tubing Cutter




SC13897 \$12
Cuts to 38mm diameter

Drinking Bird



SC7390 \$15
Thermodynamics Demonstrator

Knife Set - 23 pieces



132-8276 \$19 \$9
Assorted blades and holders

Pocket Screwdriver - Stanley 4 in 1



171-8792 \$7.45 \$4.50
Straight and Phillips Head

LED Microscope with 400X Lens



LIMITED STOCK

MM-LED400X \$225
Very impressive optics!

Monocular Microscope with LED Lighting



MMLLED \$285 or **\$250** each for 5 or more

Stereo Microscope 20X & 40X Magnification with LED Light



MS24LED \$346 or **\$324** each for 6 or more

Biological Microscopes LED Lighting with Camera



LIMITED STOCK

B204T-5M \$4368 \$1155
Trinocular with 5MP Camera


USB Digital Camera Microscope 5MP



SAVE

SC5135 \$172 \$160 or **\$155** each for 5+

Glass Calibration Slide 1mm cross with 100 divisions



TS-TCM-H \$48.40
Divisions from 0.01mm

Slide Minigrid 1 to 0.1mm divisions



K2210 \$12.50
Viewed through microscope

ProScope HR2 Hand-held Digital Camera with 50X Lens



BT-HR2-50 \$594
Capture high resolution images

Set of 10 Anatomy Slides plus 5 Blank Slides



SC92038 \$26
See website for details

Set of 20 Mixed Slides plus 40 Blank Slides



SC92040 \$45
See website for details

Set of 25 Botany Slides



SC92041 \$65
See website for details

80 Anatomy, Biology, Botany, Chemistry and Zoology Slides



SC92042 \$115
High quality slides

Slide Boxes - Plastic



SC14542 \$4 Holds 25 slides
SC14548 \$6 Holds 50 slides

Microscope Cleaning Kit Lens Pen



Products may differ from those pictured

SC4578 \$39 Cleaning Kit
SC7731 \$13.50 Lens Pen

Chemistry and Dissection Tray with Replaceable Mat



Dissection Tray, tools not included

TRAY \$18 or **\$16** ea for 10+
MAT \$28.50 Pack of 12 mats

Dissection Kit



LIMITED STOCK

140760 \$44.60 Nine tools in a plastic storage case

ProScope Micro Mobile for iOS and Galaxy



iPhone not included

PMM-IP5K \$252 See website for iPhone4/4S/5/6/6+ Galaxy S4

ProScope Micro Mobile for iPad 2, 3, 4 or iPad Mini



PMM-IPADK iPad not included

PMM-IPADK \$252 for iPad 2/3/4
PMM-IPMINIK \$252 iPad Mini

ProScope Micro Mobile Base Illuminated Lens System



See website for sleeve options

PMM-BASE \$218 Fit to any sleeve eg iPhone, iPad, Galaxy etc

Microscope Lamp 240 volt 25 watt



SAVE

LB2161-001 recommended

LB2161-001 \$37 \$36.10 Blue
LB2160-001 \$36 \$35.10 Clear

Environment Meter and Multimeter



SAVE

SC5039 \$417 \$110 Volts, amps, ohms, humidity, lux, temp

Wireless Weather Station Touch Screen



SAVE

SC5169N \$472 \$158 Electronic, connects to PC

Thermometer Anemometer



SC5034 \$108 Measures Air Temp. to 50°C and Wind Speed

IEC Inclinator Clinometer



SAVE

LB1950-001 \$28 \$27.30 New design

IEC Reaction Time Tester



SAVE


LB2669-001 \$168 \$164 Two hand or foot operated switches

Thermometer and Relative Humidity Meter



SC5010 \$22 Large LCD display

Anemometer Thermometer with Tripod Stand



SAVE


SC5033 \$63.60 \$53 Wind-speed, wind chill, air temperature

Wet and Dry Bulb Thermometer



GE2795-01 \$18 Uses safe red alcohol

BioChamber



BC-2000 \$41 Two litre with holes for Vernier/other sensors

Cellular Respiration Phials - Set of 6



022 001 \$20

Berlese Funnel



024 013 \$28.60 Works with Sieves to right

Set of 6 Sieves




034 001 \$85.20 Works with Berlese Funnel to left

Bony Fish Chart / Poster Raised Relief



7504RR \$34

Giant Dicotyledon Flower Model




0824-50 \$341 7 parts

Biology Charts Posters Set 35 On tripod stand



1990-41 \$1,599 \$999

Plant Cell Chart / Poster



7502-08 \$28

Plastomount Crustacea Types



Indicative image only

K1298 \$88 Barnacle, Goose, Acorn, Hermit/Rock Crabs, Yabbie

Plastomount Club Mosses



Indicative image only

K1222 \$80 Isoetes Lycopodium Selaginella and Equisetum Fruiting Bodies

Plastomount Cockroach Life Cycle



Indicative image only

K1310 \$88 Phylum Hexopa, Class Insecta, Cockroach, development

Plastomount Insect Orders



Indicative image only

K1308 \$104 Mantid, Earwig, Stonefly, Alderfly, Scorpion Fly, Lacewing, Caddis Fly, Cockroach

Mystrica Wireless Colorimeter



SAVE

SC9070 \$237 or **\$199** each for 6 or more

IEC Colorimeter - Digital 9 Volt Battery Operated



SAVE

CH1003-001 \$390 \$381
Transmission and absorption

Water Quality Backpack



SAVE

3817BP \$780 \$750
Complete water quality testing

Soil Quality Backpack



SAVE

3896BP \$780 \$754 Nitrogen, Phosphorous, Potassium, pH

Hanna Dissolved Oxygen Test Kit



Hi3810 \$141 No warm up, no calibration, no filling solution

Vernier Spectrometer - Self Contained with FREE Software

Ideal for photosynthesis experiment



- Requires no interface.
- Use with **FREE** Spectral Analysis 4 for Mac, Windows, Chromebook, iOS devices (Android coming), LabQuest 2LE.
- Connect via compatible Bluetooth, can also connect via USB for Mac and Windows computers and LabQuest 2.
- Collects a full spectrum to explore chlorophyll absorption, food dyes, chemical equilibrium, forensics, water nitrates and more

GDX-SVISPL \$908

Hanna Nitrate Test Kit



HIL3874 \$78 100 nitrate tests with cuvette & colour cube

Moisture Meter



SC2285 \$32 Measure moisture in wood and hard materials

Hanna Phosphate Test Kit



Hi3833 \$42 50 tests with beaker and colour cube

EuTech Waterproof pH Tester ±0.1 pH accuracy



SC6546 \$126 With automatic temperature compensation

EuTech Waterproof pH Tester ±0.01 pH accuracy



SC6556 \$209 With automatic temperature compensation

EuTech pH, Conductivity, TDS/ Salinity, Temperature Tester



SC6559 \$307 With auto temperature compensation

Hanna Conductivity and TDS Testers



Hi98311 \$215 EC and TDS
Hi98312 \$215 EC and TDS

Red or Blue Litmus Paper Pack of 100



SC14263 \$1.40 Blue 55x8mm
SC14269 \$1.40 Red 55x8mm

4, 7 & 10 pH Capsules and Hydron Colour Key Preservative



PH-BUFCAP \$64 10 capsules of 4, 7 and 10 pH Buffers

EuTech pH Buffers 10 Tablets in Foil



SC6537 \$10.40 pH10
SC6536 \$10.40 pH7
SC6535 \$10.40 pH4

TDS and Conductivity Calibration Solutions



More on website

SC6545 \$45 TDS 1000ppm
SC6540 \$45 Con. 12.88mS

IEC Electrodes and Lamp Stainless Steel



EM1791-001 \$28.30
Carbon version also available

IEC Electrodes - Plates



See website: Tin, lead, zinc, copper, carbon in various sizes

IEC Electrodes - Stainless Steel 2 Rods



EM1792-001 \$20
Beaker not included

IEC Electrodes Stainless Steel Adjustable Plate



EM1790-001 \$31.20
Beaker not included

IEC Electrodes - Norwood



EM1800-001 \$83.90 Carbon, stainless & platinum electrodes

Hofmann's Voltmeter - Made from Safe Acrylic




SC7312 \$227 With stand and platinum electrodes

IEC Platinum Electrodes




SC7091 \$89.50 Pair with stainless steel terminals

Airtight Reaction Chamber




011 002 \$164.80
Size: 80 x 80 x 205mm

IEC Spectral Lamps Sodium Mercury + others



PA3797-101 \$127 Mercury
PA3797-102 \$127 Sodium

IEC Flame Emission Spectrometer with new Software



Light source and PC are NOT included.

SAVE

CH3792-001 \$1500 \$1463 Study flame and atomic absorption spectroscopy. Requires a light source like the CH3792-125 (right)

IEC Sodium Lamp for AA and Spectrometer Experiments



SAVE

CH3792-125 \$375 \$366
Includes sodium lamp

IEC Linear Expansion Apparatus



SAVE

HL2020-001 \$220 \$215
With test rods

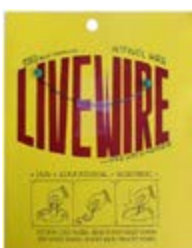
IEC Tensile Test Machine



SAVE

MF4665-001 \$271 \$265
With dial indicator and wires

Memory Wire - Nitinol



SC7098 \$15 Examine the properties of Nitinol

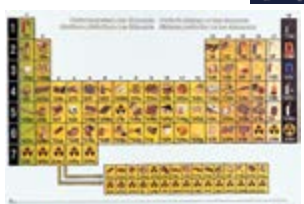
IEC Kinetic Theory of Gas Model - Electric



SAVE


MF1990-001 \$248 \$242
Requires a 6V DC power source

Periodic Table of the Elements - Illustrated



2026-08 \$82
Approximately 97 x 64 cm

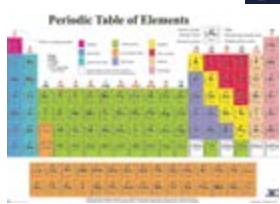
Periodic Table of Elements A4 and A5 Pack of 10



SAVE

PT-CARD \$11 \$9 A4 cardboard
PT-STK \$11 \$9 A5 stick-on

Periodic Table of Elements Large and Extra large



PT-VIN-XL-E \$165 150x91cm
PT-POL-XXL-E \$200 183x111cm

Balls, Elastic - Inelastic / Happy - Sad



SC7064 \$13 Pair

Little Labs Intro to Engineering



SAVE

602086 ~~\$47~~ \$38

Milestones in Science



SAVE

625719 ~~\$120~~ \$94

Remote Control Machines



SAVE

555004 ~~\$120~~ \$94

Motors and Generators



SAVE

665036 ~~\$42~~ \$34

Stepping Into Science



SAVE

602079 ~~\$47~~ \$38

Eco-Battery Vehicles



SAVE

620615 ~~\$83~~ \$67

Solar Mechanics



SAVE

665068 ~~\$44~~ \$35

Magnetic Science



SAVE

665050 ~~\$42~~ \$34

Solar Power Plus



555007 ~~\$116~~ \$93

Solar Boat



SAVE

622411 ~~\$34~~ \$27

Solar Car



SAVE

622817 ~~\$34~~ \$27

Spectacular Science



SAVE

642419 ~~\$116~~ \$93

Space Exploration



SAVE

662714 ~~\$38~~ \$35

Rocket Science



SAVE

665104 ~~\$52~~ \$41

Scope Constructor



SAVE

555050 ~~\$90~~ \$71

Electronics



SAVE

665098 ~~\$52~~ \$41

Air-Stream Machines



SAVE

620912 ~~\$105~~ \$82

Physics Pro



SAVE

625313 ~~\$135~~ \$106

Electricity and Magnetism



SAVE

620417 ~~\$64~~ \$51

Genetics and DNA



SAVE

665002 ~~\$46~~ \$37

Index

A

Absorbers Set (Radioactive) 2
 Adventures In Fibre Optics 4
 Air Burst Rocket 17
 Air Cored Solenoid 2
 Air-Stream Machines 22
 Air Tracks and Air Source 8
 Alcohol Burner 16
 Alligator Clips and Cables 6
 Alnico Magnets 5
 Ammeters 7
 Anemometer 19
 Apron Lightweight 14
 Audio Oscillator 8
 Autoclave - Steriliser 15

B

Ball and Ring 17
 Balls, Elastic - Inelastic 21
 Balsa Blade Sheets 10
 Bar and Gauge 17
 Battery Charging Kit - KidWind 11
 Beakers 16
 Berlese Funnel 19
 Biochamber 19
 Bio-Energy Kit 9
 Biology Charts 19
 Blade Pitch Protractor 10
 Blue Digital Imaging 24
 Bony Fish Chart 19
 Brass Slotted Weights 14
 Bunsen Burners 14
 Burette Acrylic 16
 Buzzers 8

C

Cables 6
 Calibration Slide 18
 Calibration Solutions 20
 Calorimeter - Joule's 17
 Camera - Digital 18
 Cellular Respiration Phials 19
 Chemistry and Dissection Tray 18
 Circuits Experiment Set 7
 Circular Motion Kit 8
 Clear LEDs - turn coloured 2
 Collision Trolley 8
 Colorimeter - Wireless 20
 Colour Wheel 4
 Compass - 3D 5
 Compound or Bi-metal Strip 17
 Conductivity and TDS Testers 20
 Contact Key 6
 Cork Borers 16
 Current Balance Kit 7

D

Dabco Unitray and UniTube 14
 Data Transmission, Fibre Optic 4
 dB Sound Meter 8
 Diffraction Gratings and Kit 4
 Digital Camera 18
 Digital Imaging System - Blue 24
 Digital Storage Oscilloscope 6
 Dissection Kit 18
 Dissolved Oxygen Test Kit 20
 Dowels 10
 Drinking Bird 17
 Dynamics Cart 8
 Dynamo and Dynamo Torch 11

E

Electricity and Magnetism 22
 Electricity Kits 6
 Electric Mobility Experiment Kit 9
 Electric Motor and Gearbox 11
 Electric Motor - Generator 11
 Electric Motor Kit 7
 Electrodes 21
 Electrodes and Lamp 21
 Electrolysers 9

Electromagnet 5
 Electronic Balances 14
 Electronics Kit 7
 Electroscopes 6
 Electrostatic Tube 6
 Energy Box - Horizon 9
 Energy Transformation 11
 Engine - Stirling 9
 Environment Meter 7-19
 Ethanol Fuel Cell Kit 9

F

Fan Blade 9
 Fibre Optic Cable and Kits 4
 Flame Spectrometer 21
 Fluorescent Minerals 4
 Franck Hertz Experiment 2
 Free Fall Apparatus 8
 Fuel Cells 9

G

Gauze Mat 16
 Geiger Counters and Tube 2
 Generator Handheld 7
 Generators - Turbines 10
 Genetics and DNA 22
 Giant Dicotyledon Model 19
 Glass Tubing Cutter 17
 Glove Dispenser 14
 Gloves - Vinyl and Latex 14
 Gyroscope Wheel & Platform 8

H

Hand Generator Kit - Simple 10
 Hand Safety Grip 15
 Hanna Water & Soil Testers 20
 Happy - Sad Balls 21
 Heat Conductivity Ring 17
 Helmholtz Coils 7
 High Voltage Power Supply 2
 Hofmann Voltmeter 21
 Hooke's Law Springs 17
 Horizon H-Racer 2.0 9
 Horizon Kits and Fuel Cells 9
 Hot Plate 15
 Hydro Electric Generators 5

I

Inclinometer Clinometer 19
 Induction Apparatus 5
 Induction Tube 5
 Inductive Braking 5
 Infra Red Thermometer 16
 Isostasy Model 24

J

Joule's Calorimeter 17

K

KidWind GENPack 10
 KidWind Kits and Building Parts 10
 KidWind Windwise Modules 10
 Kinetic Theory of Gas Model 21
 Knife Set 17
 Kundt's Apparatus 8

L

Lampholder 4
 Lampholder - MES 6
 Lasers and Laser Dot 3
 LaserView Lenses 3
 Latex Gloves 14
 LED Light Source 3
 LEDs 6
 Light Box 3
 Light Bulbs 6
 Linear Expansion Apparatus 21
 Litmus Paper 20
 Loud Speakers 8
 Lux Meter 4

M

Magnetic Field Demonstrators 5
 Magnetic Stirrer 15
 Magnet Tongs 5

Magnet Tube Kit 5
 Mass of Electron Apparatus 2
 Measuring Cylinder 16
 Memory Wire - Nitinol 21
 Mercury Lamp 3
 Metals Kit - Cubes and Rods 17
 Meters - Multimeters 7
 Microscope Cleaning Kit 18
 Microscope Lamp 18
 Microscopes 18
 Microwave Apparatus 8
 Millikan's Apparatus 2
 Minigrad - Slide 18
 MINI Wind Turbine 10
 Moisture Meter 20
 Molymod 13-14
 Motor and Generators 5
 Motors and Generators 22
 Multimeter 19
 Multimeters 7
 Mutual Induction Apparatus 5

N

Nitrate Test Kit 20

O

Oscilloscope 6
 Oven - Digital - Fan 15

P

Peltier Modules 11
 PEM Electrolysers 9
 Pendulum Bobs 8
 Periodic Table 21
 Petri Dishes 14
 pH Capsules - Buffers 20
 Phosphate Test Kit 20
 Photo Electric Effect 2
 Photon Energy 2
 Photosynthesis Light Kit 24
 pH Testers 20
 Physics Pro 22
 Planck's Constant - Simple 2
 Plant Cell Chart 19
 Plastomounts - mixed 19
 Plate Electrodes 21
 Platinum Electrodes 21
 Power Supplies 6
 Power Supply - Constant Current 2
 ProScope Digital Camera 18
 ProScope Micro Mobiles 18
 Pulleys 17

R

Radioactive Sources 2
 Radioactive Source - Simulated 2
 Reaction Chamber 21
 Reaction Time Tester 19
 Remagnetiser 5
 Remote Control Machines 22
 Renewable Energy Education Lab 9
 Renewable Energy Monitor 9
 Resistor Sets 7
 Retort Clamps 16
 Retort Stands 16

S

Safety Glasses 24
 Safety Glasses Storage 24
 Sail Car STEM Kit 24
 Salinity Tester 20
 Screwdriver - Pocket 17
 Science Kits 22
 Science Project Kit 10
 Sieves 19
 Signal Generator 8
 Silicon Bunsen Tubing 15
 Silicon Mats 15
 Slide Boxes 18
 Slides - Microscope 18
 Slinky Spring 8
 Sodium Lamp 21
 Soil Quality Backpack 20

Solar Battery Charging Kit 11
 Solar Boat and Boat 22
 Solar Car 24
 Solar Demonstrator 11
 Solar Energy Exploration Kit 10
 Solar Energy Kit 11
 Solar Fan 11
 Solar Mechanics 22
 Solar Motors 11
 Solar Panels 11
 Solar Racer 11
 Solar Thermal Exploration 11
 Sound And Light Board 10
 Space and Rocket Science 22
 Spectral Lamps 21
 Spectrometer & Colorimeter 21
 Spectrometer - Vernier 20
 Spectroscopes 3
 Spectrum Discharge Tubes 3
 Spectrum Tube Power Supply 3
 Speed of Light Kit 4
 Spring Balances 14
 Spring Set Long Helical and Slinky 8
 Stainless Steel Electrodes 21
 Stainless Steel Tripod 16
 Steriliser - Autoclave 15
 Stirling Engine 9
 Stopwatch 14
 Stroboscopes 4
 Sun Angle Science Kit 11
 Super Capacitor Kit 9
 Super Magnets Neodymium 5
 Switches - Knife 6

T

TDS Testers 20
 Tensile Test Machine 21
 Test Tube Holders 16
 Test Tube Racks 14
 Thermal Power Kit 9
 Thermometer 19
 Thermometer Anemometer 19
 Thermometer - Humidity Meter 19
 Thermometers 16
 Thermometer Tray 16
 Ticker Tape Recording Timer 8
 Transformer - Dissectible 7
 Tripod Stainless Steel 16
 Trolley Stainless Steel 14
 Turbines - Wind Power 10-12
 Tyndall's Experiment 3

U

UV Beads and Torches 4

V

Vacuum Free Fall 15
 Vacuum Jar 15
 Vacuum Pump 15
 Vacuum Surface Plate 15
 Van de Graaff Accessory Kit 6
 Van de Graaff Generator 24
 Vibrator For Vibrating Strings 8
 Voltmeters 7
 Voltmeter - Visual 10

W

Water Bath 15
 Water Bath Controller 15
 Water Quality Backpack 20
 Wave Lab Signal Generator 8
 Wave Motion Apparatus 8
 Weather Station - Wireless 19
 Wet/Dry Bulb Thermometer 19
 Wilson's Cloud Chamber 2
 Windmill - MacGyver 24
 Wind to Hydrogen Kit 9
 Wind Turbine Hub 10

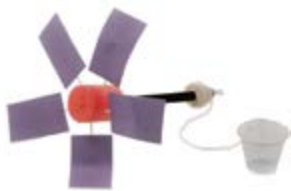
X

X-Y Pattern Generator 3

Y

Young's Slits 4

Sail Car STEM Kit for 8 Sail Cars

SC1150-8 \$95
MacGyver Windmill STEM Kit for 10 Windmills

SC1160-10 \$85
Solar Car - Set of 8

SC1140-8 \$157
Photosynthesis - Solar Cell LED Lighting Kit with Filters

SC1127 \$41
Safety Glasses - Polysafe

SC2050N \$4.95 or
\$3.90 each for 100+

Safety Glasses - Hanging Storage Blue PVC

SC9010 \$25 \$20
 Holds 20 pairs of glasses

Isostasy Model

032 017 \$120 Study Tectonics
911 075 \$22.30 Water Gel

Vernier Blue Digital Imaging System

BL-DBS \$1710 Illuminate your gels, camera and blue light

Safety Glasses - Unisafe

SC4955 \$3.80 or
\$3.50 each for 12+

SAVE
IEC Van de Graaff Generator Variable Speed

EM4134-101 \$480 \$450
Website Teacher Resources

We have created FREE fully documented procedures for:
 Key Experiments aligned to the Australian Curriculum by strand and topic and also to Queensland Senior Science Mandatory and Suggested Experiments.
 You will also find links to relevant experiment documents on the base of many product pages.

To access documents go to www.scientrific.com.au then **Curriculum** and follow the appropriate link or type in:
<https://www.scientrific.com.au/curriculum.php>

Alternatively check out the sample documents below (required search term is in **BOLD**).

KEBS2
 Water Quality Testing

KECS13
 Rates of Chemical Reactions

Sail Car and select from year
 4, 7, 8 at base of page

KEPS20A
 Electrical Energy and Power