

# ESSENTIAL PHYSICS EQUIPMENT



# NEWTON RESOURCES

## Electrosound Powerlock



From  
ONLY  
£78.10

- 2, 4, 6, 8, 10, 12 V ac and dc
- Up to 5A
- Simultaneous dc and ac output
- Key lockable voltage
- Very Robust

code		only
NS0544	1-9 units	£80.85 each
	10+	£78.10 each

**POWER IN EDUCATION**  
Find any item in here cheaper and we'll better the price!

## SATZ Power Supplies



From  
ONLY  
£19.50

- 3, 4.5, 6, 7.5 & 12Vdc
- 1.5A and 3A versions
- Excellent value for money
- Fuse protected output

code		only
NS0316	1.5A	£19.50 each
NS0317	3.0A	£28.00 each

**BUY ONLINE AT [WWW.NEWTONRESOURCES.CO.UK](http://WWW.NEWTONRESOURCES.CO.UK)**  
**TEL. 0114 324 0035 FAX: 0114 324 0025**

## Vibration Generator



**ONLY  
£45.00**

code	only
NS0290	£45.00

## Powerswitch Power Supply

**Cheapest  
in the UK!**



code	only
NS0545	1-9 units £69.30
	10+ units £67.50

## Power-Energy-Cost Meter



code	only
NS0276	£149.00

## 10MHz Oscilloscope



**Pricewatch.**  
Rapid £119  
Philip Harris £174

A very affordable single channel,  
10MHz Oscilloscope.

code	only
NS0310	£118.00

## Ripple Tank

Ideal demonstrating the properties of waves. Ripples are projected on the opaque 10x10cm screen.



**Pricewatch.**  
Timstar £121.99  
S&C £121.99  
Philip Harris £128.75

code	only
NS0306	£99.00

## Kinetic Theory Model



code	only
NS0277	£19.00

**ONLY  
£19.00  
Each**

**HAVE YOU SEEN OUR 2009 CATALOGUE?  
CALL US NOW FOR A COPY!**

## Van de Graaff Generator



**ONLY  
£109**

A fantastic value unit which includes a full set of accessories and is capable of producing sparks in excess of 10cm.  
Unit Height - 50cm  
Dome Diameter - 20cm

code	only
NS0292	£109.00

## ERIC Electrical Resistance Indicator for the Classroom

**NEW!**

An extremely versatile kit for teaching about electrical resistance. Draw a pencil line across ERIC, study the LED brightness. Then make the line thicker. What happens? Can be used to compare conductors and insulators including the entire class!



code		set of 4
NS0948	1-9 units	£13.50
	10+ units	£11.90

## Spark Counter

**NEW!**



Excellent for demonstrating the effects of ionising radiation. Requires an EHT power supply and radioactive source. Call us for more advice.

code	only
NS0729	£88.50

## Green Laser

**Buy 4  
Get 1  
FREE**



Our green lasers have a wavelength of 532nm. This is very close to peak response of the eye and so they appear many times brighter than a red laser with a wavelength of 650-680nm. For demonstration work this has a real advantage as the beam looks really bright and rays may be easily tracked through glass blocks etc. Of course the power is the same as our red lasers, <math><1\text{mW}</math>, but the apparent power is substantially more.

code		only
NS0949	Each	£37.50
	Pack of 5	£150.00

## 2.8CM Microwave Optics Kit

The 2.8cm Microwave Kit is focused around a Transmitter and Receiver which are designed to demonstrate the properties of electromagnetic waves and to teaching the behaviour of visible light. Both transmitter and receiver are compatible with existing microwave kits (e.g. Unilab and IEC models). A probe receiver is also available which enables the microwaves to be investigated more closely.

The accessories kit includes two reflectors, a hardboard (semi-silvered) mirror and a polarisation grille.

code		now
NS0319	Microwave Transmitter	£145.00
NS0320	Microwave Receiver	£145.00
NS0322	Probe Receiver	£75.00
NS0321	Accessories	£45.00



**TEL. 0114 324 0035 FAX: 0114 324 0025**

## Demonstration Colour Mixer

**ONLY  
£59.99**

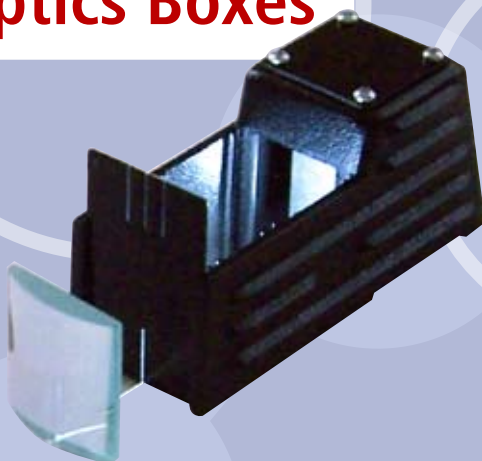


- Separately Adjustable High Power LEDs
- Project onto any vertical surface
- Works in ambient classroom light
- No need for 3 projectors!

code	only
<b>NS0542</b>	<b>£59.99</b>

## LED Ray Optics Boxes

**From  
ONLY  
£29.50**



- Fixed Voltage PSU included
- Includes slit plate and lens
- Supercool LED means improved safety
- 10000 hour life LED means no changing of bulbs

code	only
<b>NS0298</b>	<b>£33.75</b>
	<b>10+ £29.50</b>

## HOW TO ORDER

Ordering with Newton Resources Limited is quick and easy.....

**Online** [www.newtonresources.co.uk](http://www.newtonresources.co.uk)  
**Email** [sales@newtonresources.co.uk](mailto:sales@newtonresources.co.uk)  
**Phone** 0114 3240035  
**Fax** 0114 3240025  
**Post** Newton Resources Limited  
 Century House  
 Station Road  
 Sheffield  
 S20 3GS

### UK Delivery Times and Charges

Please allow 3-5 days for delivery if the items are in stock. However, this may be longer if the item is not stocked. If you require the goods urgently, please let us know, as we may be able to arrange it. A charge will be made for this. Orders over £150 (ex VAT) are carriage FREE. A charge of £5.95 will be made for all orders (not including chemicals) under £150 (exVAT). Carriage to non-UK destinations (including Northern Ireland, Highlands, Islands including Channel Isles) will incur additional charges, which we charge at cost.

All prices are shown without VAT. Please note that the carriage charge is also VAT-rated. VAT is charged and shown on the invoice. All cheques should be made payable to "Newton Resources Limited".

Our payment terms are 30 days from the invoice date.  
 E & OE, full terms and conditions available on request.  
 Price comparisons correct at time of printing.

Prices and offers within this brochure are valid until the 30th September 2009