



Resistance coils

16+

- Non-inductively wound on plastic bobbin in transparent plastic tube with two 4mm socket terminals
- Adjusted to $\pm 0.5\%$, rating 1W

Catalogue No	Resistance
XJH-840-050M	0.2 Ω
XJH-840-070G	0.5 Ω
XJH-840-090A	1 Ω
XJH-840-110U	2 Ω
XJH-840-130X	5 Ω
XJH-840-150Y	10 Ω
XJH-840-190T	50 Ω



Resistance units

16+

- Demonstrates that resistance varies with material, length and cross-sectional area
- Comprises five wires each mounted on a synthetic resin bonded paper former (65mm x 11mm), and connected to a pair of 4mm sockets
- Each unit is coded as follows:

Code No	1	2	3	4	5
Material	—Nickel Chromium—Copper				
Length, mm	200	200	400	600	200
Dia., mm	0.28	0.45	0.45	0.45	0.45

Catalogue No
XJH-870-G



Catalogue No
XHE-800-P



Analogue Electronics CD-ROM

KS 3 KS 4

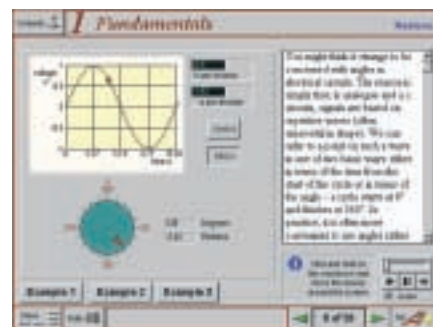
- Includes virtual laboratories animation, diagrams, photographs and text
- Also includes SPICE electric circuit simulator with over 50 pre-designed analogue circuits
- Component values on all circuits can be edited allowing the user to use simulation engine to see how the value of each component effects the circuit performance
- Topics covered include: Analogue Fundamentals; Transistors; Op-amps Filters; Oscillators; Analogue Systems

Catalogue No
PHY-500-110U

Resistance coil, temperature co-efficient

16+

- Comprises hollow plastic former approximately 200mm x 15mm, non-inductively wound with a single layer of enameled copper wire resistant to the action of boiling water
- Coil soldered to anchored insulated leads
- Supplied with instructions

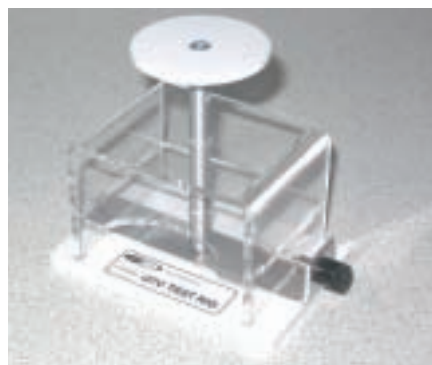


Electronic Circuits Components V2 CD-ROM

KS 3 KS 4

- Demonstrates/explains via extensive audio visual aids all aspects of electronics, from what a resistor is through to the design and characteristics of simple active circuits
- Includes interactive circuit simulations; virtual laboratories; the Parts Gallery, a reference resource for components and circuit symbols
- Multisim/electronics workbench circuits provided
- Ideal for whole class use on a whiteboard
- Teachers' notes and editable worksheets included

Catalogue No	Description
PHY-500-120R	Single user
PHY-500-125H	10 user



Catalogue No
XJH-950-M

Spare Part
Catalogue No Description
XJH-955-F Polymer samples, pack of 10

QTC investigation test rig

KS 4 16+

- QTC is a remarkable new material in the form of a rubber-like substance which has the property of changing its resistance over the range of a few ohms to many megohms under an applied force of a few Newtons
- This test rig makes it easy to apply the forces and measure the effects
- QTC material (polymer samples) is available in a pack of 10