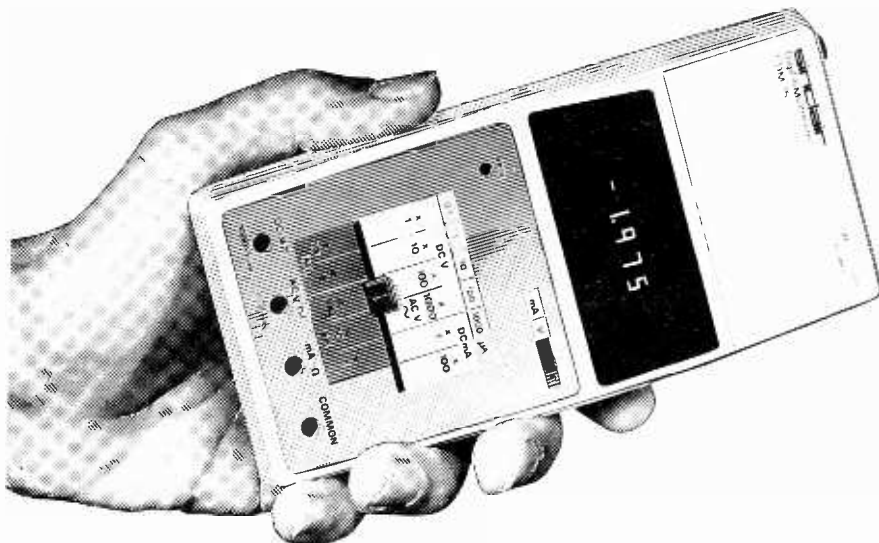


The Sinclair PDM35.

A personal digital multimeter for only £29.95

(+8% VAT)



Now everyone can afford to own a digital multimeter

A digital multimeter used to mean an expensive, bulky piece of equipment.

The Sinclair PDM35 changes that. It's got all the functions and features you want in a digital multimeter, yet they're neatly packaged in a rugged but light pocket-size case, ready to go anywhere.

The Sinclair PDM35 gives you all the benefits of an ordinary digital multimeter – quick clear readings, high accuracy and resolution, high input impedance. Yet at £29.95 (+8% VAT), it costs less than you'd expect to pay for an analogue meter!

The Sinclair PDM35 is tailor-made for anyone who needs to make rapid measurements. Development engineers, field service engineers, lab technicians, computer specialists, radio and electronic hobbyists will find it ideal.

With its rugged construction and battery operation, the PDM35 is perfectly suited for hand work in the field, while its angled display and optional AC power facility make it just as useful on the bench.

What you get with a PDM35

3½ digit resolution.

Sharp, bright, easily read LED display, reading to ± 1.999 .

Automatic polarity selection.

Resolution of 1 mV and 0.1 nA (0.0001 μ A).

Direct reading of semiconductor

forward voltages at 5 different currents.

Resistance measured up to 20 M Ω .

1% of reading accuracy.

Operation from replaceable battery or AC adaptor.

Industry standard 10 M Ω input impedance.

Compare it with an analogue meter!

The PDM 35's 1% of reading compares with 3% of full scale for a comparable analogue meter. That makes it around 5 times more accurate on average.

The PDM35 will resolve 1 mV against around 10 mV for a comparable analogue meter – and resolution on current is over 1000 times greater.

The PDM35's DC input impedance of 10 M Ω is 50 times higher than a 20 k Ω /volt analogue meter on the 10 V range.

The PDM35 gives precise digital readings. So there's no need to interpret ambiguous scales, no parallax errors. There's no need to reverse leads for negative readings. There's no delicate meter movement to damage. And you can resolve current as low as 0.1 nA and measure transistor and diode junctions over 5 decades of current.

Technical specification

DC Volts (4 ranges)

Range: 1 mV to 1000 V.

Accuracy of reading 1.0% \pm 1 count.

Note: 10 M Ω input impedance.

AC Volts (40 Hz-5 kHz)

Range: 1 V to 500 V.

Accuracy of reading: 1.0% \pm 2 counts.

DC Current (6 ranges)

Range: 1 nA to 200 mA.

Accuracy of reading: 1.0% \pm 1 count.

Note: Max. resolution 0.1 nA.

Resistance (5 ranges)

Range: 1 Ω to 20 M Ω .

Accuracy of reading: 1.5% \pm 1 count.

Also provides 5 junction-test ranges.

Dimensions: 6 in x 3 in x 1½ in.

Weight: 6½ oz.

Power supply: 9 V battery or Sinclair AC adaptor.

Sockets: Standard 4 mm for resilient plugs.

Options: AC adaptor for 240 V 50 Hz power. De-luxe padded carrying wallet. 30 kV probe.

The Sinclair credentials

Sinclair have pioneered a whole range of electronic world-firsts – from programmable pocket calculators to miniature TVs. The PDM35 embodies six years' experience in digital multimeter design, in which time Sinclair have become one of the world's largest producers.

Tried, tested, ready to go!

The Sinclair PDM35 comes to you fully built, tested, calibrated and guaranteed. It comes complete with leads and test prods, operating instructions and a carrying wallet. And getting one couldn't be easier. Just fill in the coupon, enclose a cheque/PO for the correct amount (usual 10-day money-back undertaking, of course), and send it to us.

Sinclair Radionics Ltd, London Road, St Ives, Huntingdon, Cambs., PE17 4HJ, England. Regd No: 699483.

To: Sinclair Radionics Ltd, London Road, St Ives, Huntingdon, Cambs., PE17 4HJ.

Please send me _____ (qty) PDM 35(s)

@ £32.35 (incl. VAT) each.....£..... Name.....

_____ (qty) De-Luxe carrying cases

@ £3.24 (incl. VAT) each.....£..... Address.....

_____ (qty) AC adaptor(s) for 240V

power @ £3.24 (incl. VAT) each.....£.....

Post and packing (please add).....£0.65

I enclose cheque/PO made payable

to Sinclair Radionics Ltd for

(indicate total amount).....£.....

WW12

I understand that if I am not completely satisfied with my PDM 35, I may return it within ten days for full cash refund.



sinclair
World leaders in fingertip electronics

WW—096 FOR FURTHER DETAILS