

**MEGGER**  
TRADE MARK

# INSTRUMENTS

The transistorised  
**BATTERY MEGGER TESTER**  
for Insulation - Continuity - Voltage



A pocket-sized instrument for testing domestic and industrial wiring and appliances.  
Test voltage: 500 V.  
Insulation range: 0.4 to 50 megohms and infinity.  
Continuity range: 0 to 20 ohms.  
AC/DC voltage range: 0-500 V.  
One hand press button operation.  
Rechargeable battery and built in charging circuit.  
Neon Safety Indicator.  
Shockproof, unbreakable case.

*Ask for leaflet No. 23.*

**MEGGER INSULATION  
TESTER**  
**MEGGER INSULATION &  
CONTINUITY TESTER**  
(Series 3)

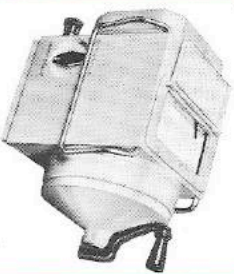
A pocket-sized instrument for testing domestic and industrial wiring, and appliances (in U.K., as I.E.E. Regs. 502 and 508).  
Test voltages: 100 V, 250 V, and 500 V.  
Max. insulation range: 0.1 to 100 megohms at 500 V.  
Continuity range: 0-100 ohms or 0-10,000 ohms.  
Hand driven, constant pressure, generator.  
Tough moulded case.



*Ask for leaflets Nos. 13 & 22.*

**MEGGER INSULATION  
TESTER**  
**MEGGER INSULATION &  
CONTINUITY TESTER**  
(Series 2)

For testing industrial installations and equipment operating on voltages up to 500 V.  
Test voltages: 100 V, 250 V, 500 V, and 1000 V.  
Max. insulation range: 0-200 megohms at 1000 V.  
Continuity range: 0-100 ohms.  
Hand driven, constant pressure, generator-or mains operated.  
Robust aluminium case.



*Ask for leaflets Nos. 12 & 21*



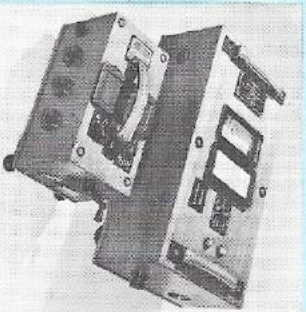
### MEGGER INSULATION

#### TESTER (Series 1)

For testing large transformers, heavy switchgear, and electrical equipment. Test voltages from 500 to 10,000.

High sensitivity — up to 200,000 MΩ at 10,000 V. Hand and/or motor driven, constant pressure, generator — or mains operated. Tough hardwood case.

*Ask for leaflet No. 11.*



### BRIDGE MEGGER

#### TESTER

Used for particularly precise resistance measurements and fault location e.g. telephone engineers for land lines etc.

A combined insulation tester and Wheatstone Bridge.

Available with single testing pressures of 250 V, 500 V, 1000 V.

Max. insulation range: 0-200 megohms & infinity at 1000 V.

Bridge range: 0.01 to 999,900 ohms.

Hand driven, constant pressure, generator.

*Ask for leaflet No. 31.*



### MEGGER EARTH TESTER

#### (Series 2)

For earth testing, earth resistivity and earth plate measurements; and neutral earth loop testing. (In U.K. as I.E.E. Regs 507 & 509).

Dual range instruments from 0 to 3,000 ohms.

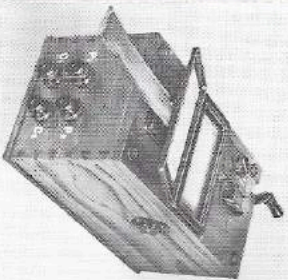
Hand driven generator.

Robust aluminium case.

Unaffected by stray currents in the soil.

Available with live line detector.

*Ask for leaflet No. 42.*



### MEGGER EARTH TESTER

#### UNIVERSAL PATTERN

#### (Series 1)

For measuring earth resistivity and earth plate resistance; siting electrodes; testing in connection with cathodic protection; geophysical surveying.

Four range instrument: 0 to 20,000 ohms.

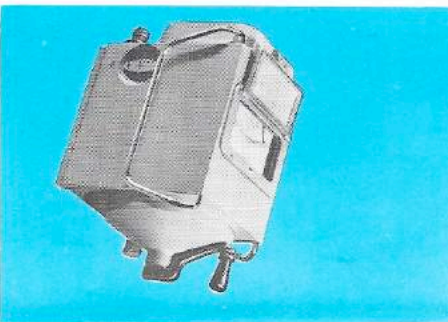
Adjustable spike resistance compensation up to 8,000 ohms.

Hand driven generator.

Tough hardwood case.

Unaffected by stray currents in the soil.

*Ask for leaflet No. 41.*



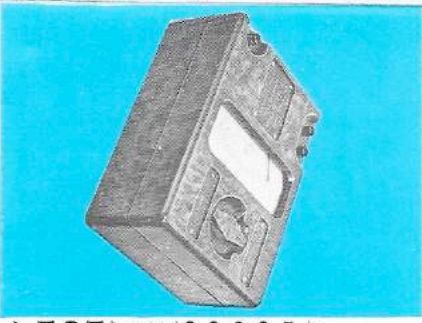
"MEGGER" instruments have an international reputation for their reliability and accuracy. With exception of the Battery Megger Tester, which is electronically stabilised, all incorporate a true cross coil ohmmeter and individually calibrated scales.

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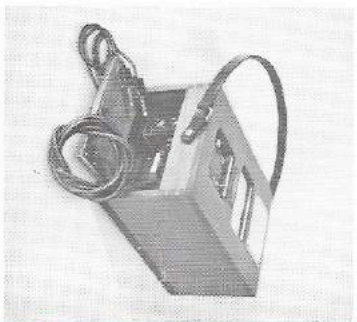
**MEGGER LINE EARTH LOOP TESTER**

This instrument measures the resistance of the line earth loop, providing a rapid and accurate means of checking earth circuit continuity and the effectiveness of safety devices. (Recommended in U.K. for tests in accordance with I.E.E. Wiring Reg. 507).  
 Range: 0-20 ohms.  
 Built in voltmeter.  
 For single and 3-phase operation.  
 Ask for leaflet No.45.



**DUCTER LOW RESISTANCE TESTING SET**

For measuring resistances of circuit breaker contacts, cable jointing, bonding, etc. suitable for industrial or laboratory use.  
 Ranges from 1 microhm to 5 ohms.  
 Mains or battery operated.  
 Tough hardwood case.  
 Ask for leaflet No.52.



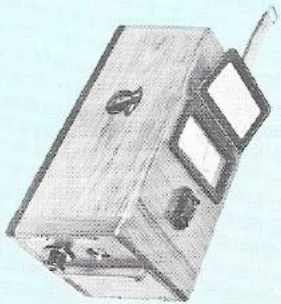
**MEGGER CIRCUIT TESTING OHMMETER**

A small portable, direct reading instrument for checking resistance of coils, relays and other components, tracing circuits and locating faults..  
 Ranges: from 0 to 3 up to 100 to 200,000 ohms.  
 Accuracy independent of battery voltage.  
 Operated from 4.5 volt battery.  
 Ask for leaflet No.51.



**EVERSHED THICKNESS GAUGE**

A simple device for measuring thicknesses of non-magnetic coatings on a ferrous base.  
 Range: 0.0002 to 0.015" (or 0-400 microns).  
 Mean accuracy: ± 15% or 0.0001", whichever is the greater.  
 Ask for leaflet No.051/46.





### EVERSHED PORTABLE (INKLESS) RECORDER

For measurement of AC/DC voltage or current, checking voltage characteristics, load variation, etc.

Max. sensitivity 1 mA at 250 ohms.

Chart width: 2 ins. (50.8 mm).

Chart speeds:  $\frac{1}{2}$ " (12.7 mm) per hour (31 days) up to 6" (152.4 mm) per hour.

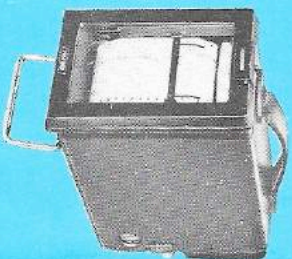
Chart driven by synchronous motor.

Tapping type record 12 taps/minute.

Completely dry chart.

Can be panel mounted.

Ask for leaflet No. 306.



### EVERSHED DISC CHART RECORDER

An inexpensive instrument, portable or panel mounted for AC/DC voltage current or power measurement.

Records Amps, Volts or Watts.

24 hour or 7 day chart.

Unspillable ink supply.

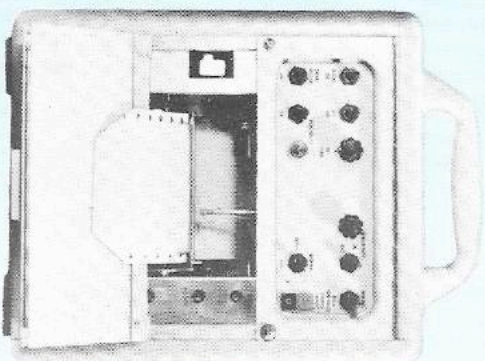
Synchronous motor, or

spring clock drive.

Steel and fibreglass case.

Ask for leaflet No. 331.

### EVERSHED QUICK RESPONSE SERVO RECORDER



An extremely fast, accurate and sensitive recorder for industrial and laboratory use. Single or multi channel.

Chart speeds from 6" (152.4 mm) per sec. to 2" (50.8 mm) per min.

Input signal:  $\pm 10$  millivolts (with pre-amplifier) for full scale deflection.

Chart width:  $2\frac{7}{8}$ " (73 mm).

Teledelos electric recording.

Unaffected by vibration or tilting.

Portable or panel.

Ask for leaflet No. 376.