RHOPOINT COMPONENTS LTD
PRECISION IN ELECTRONICS

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5mA test current Milliohm meter 1mΩ-200Ω 1% of range



This instrument is a portable digital meter to measure low resistances over the range 0.001Ω to 200Ω. A high degree of accuracy is achieved by utilising a four terminal input to eliminate errors caused by test lead length.

One of the most important features of the milliohm meter is its low (5mA) test current. This ensures that the contact being tested is not 'cleaned' by the test current which can happen when higher test currents are used. This 'cleaning' of the contact under test leads to erroneous measurements.

The M210 set comprises; M210 milliohm meter, a set of spring clip connectors and leads, a leather case and an instructions leaflet.

- **0.1% accuracy**
- **Only 5mA test current**
- **Single push button operation**
- **Auto-ranging**
- **Four terminal input**
- **Auto switch-off after three minutes**
- **20 hours continuous operation (from standard PP3 battery)**
- **Complete with leather case**
- **Lightweight and portable**

Applications

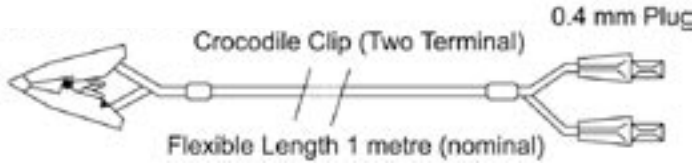
- **Relay, switch and connector contacts**
- **PC-plated through holes**
- **PC track resistance**
- **Transformer and motor windings**
- **Ring circuit testing**
- **Earth conductor continuity**
- **Wire-wrapped and solder joints**
- **RFI shielding and coil resistance**
- **Network cabling**
- **Aircraft bonding check**

Specifications

Ranges	1.999Ω, 19.99Ω, 199.9Ω
Increments	0.001Ω, 0.01Ω, 0.1Ω
Accuracy	±0.1% of range
Zero offset	±0.001Ω
Maximum V	1.4V
Maximum A	5mA
Temperature drift	0.1%/°C of lowest range
Display	31/2 digit L.C.D.
Battery	9V (PP3 MN1604 or equivalent)
Operating temperature	5°C to 35°C
Weight (including case and leads)	510gms
Dimensions (in case)	H:15cm, W:14.5cm, D:4.5cm
Dimensions (out of case)	H:15cm, W:8cm, D:3.8cm

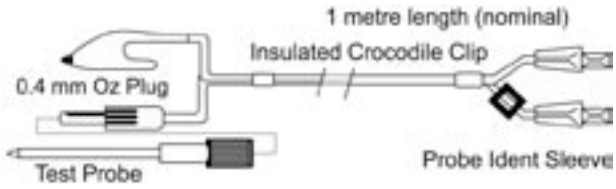


Spring clip connectors (included as standard)



Milliohm meter optional extras

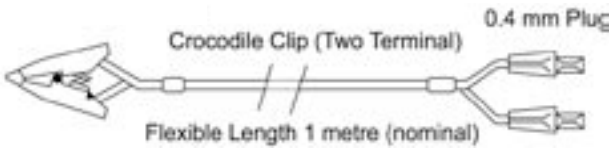
Probe & contact connector



Probe & contact connectors

Part number	Order code
M210/9B Probe & contact connectors	H1Y92AQ

Replacement spring clip connector M210/9A



M210/9A connectors

Part number	Order code
M210/9A Spring clip connectors	H1Y92AX

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