

INTRODUCTION

Precision Low Resistance Measurement – Compact, Accurate, and Reliable.

The **Metravi 52C-II** is a high-precision, handheld milli-ohmmeter designed for accurate measurement of **low resistances** in critical applications. Whether in **electrical maintenance, cable testing, or industrial quality assurance**, the 52C-II delivers dependable results with exceptional ease of use.

With robust construction, compact design, and user-friendly features, the Metravi 52C-II is a trusted companion for technicians and engineers who demand accuracy, speed, and portability in low resistance measurement.



FEATURES

Wide Measurement Range	: 20 mΩ, 200 mΩ, 2 Ω, 20 Ω, 200 Ω, 2000 Ω
Selectable Test Currents	: 100 mA / 50 mA for flexibility and safety
High Accuracy	: $\pm 0.5\% \pm 3$ digits
Fine Resolution	: From 0.01 mΩ to 1 Ω
Clear Display	: 3½ digit (1999 counts), backlit LCD for easy viewing
Sampling Speed	: 2 readings per second for quick response
Data Logging	: Store up to 50 measurements for later review
MAX / MIN Hold	: Track extreme values during tests
Settable Alarms	: User-configurable upper and lower limits for alerts
Over-Range Indication	
Test Lead Resistance Compensation	: for accurate results
Zero Function	: For accurate baseline calibration and repeatability

APPLICATIONS

- Contact Resistance testing (switches, relays, connectors)
- Transformer and Motor Winding resistance measurement
- Cable and Bus Bar continuity checks
- Quality assurance in manufacturing and maintenance environments

*Technical Specifications & Appearance are subject to change without prior notice

TECHNICAL SPECIFICATIONS

Range	Accuracy	Resolution	Test Current
20mΩ	± (1%±3dgt)	0.01mΩ	≈100mA
200mΩ	± (0.5%±3dgt)	0.1mΩ	≈50mA
2Ω		1mΩ	
20Ω		Automatic Range Resolution 0.01 mΩ~1Ω	
200Ω			
2000Ω			

GENERAL SPECIFICATIONS

Display	: 1999 counts, backlit LCD
Sampling Speed	: 2/s
Data Storage	: Up to 50 records (manually)
Alarms	: User settable HI and LO
Range Selection	: Manual and Automatic
Power	: 6 x 1.5A AA Alkaline Batteries
Operating Environment	: -15°C to 55°C, <75% RH
Storage Environment	: -50°C to 60°C, <90% RH
Dimensions	: 165 x 105 x 63 mm
Weight	: Approx 312 gms
Accessories	: 1 pair Test Leads, 6 Batteries, Carrying Case, User Manual



*Technical Specifications & Appearance are subject to change without prior notice