



Cambridge Instruments
& Engg. Co.

EST. 1963 · HOWRAH, INDIA

INSULATION TESTER · MULTIRANGE, MOTORISED, DUAL-SCALE

CIE/777/MR

Multirange insulation tester · dual-scale display · motorised

01 KEY FEATURES

- Motorised drive
- Dual-scale display, inner and outer
- Sustained PI & DAR testing
- Selectable multi-voltage operation



CIE/777/MR · INSULATION TESTER

02 TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Drive	Motorised (mains, 230 V, 50 Hz A.C.)
Series Available	MR-A to MR-E
Display	Dual-scale inner/outer (MR-A, MR-B, MR-D) or single-scale (MR-C, MR-E)
Physical Specs	Varies by series - contact us to confirm
Warranty	12 months against manufacturing defects only

Any configuration apart from the standard MR series above can be built to order.

03 AVAILABLE SERIES - VOLTAGE, INNER SCALE & OUTER SCALE

SERIES	VOLT.	INNER	OUTER
MR-A	5000 V	0–5000 MΩ	50–100000 MΩ
MR-A	2500 V	0–2500 MΩ	25–50000 MΩ
MR-A	1000 V	0–1000 MΩ	10–20000 MΩ
MR-B	5000 V	0–2000 MΩ	10–10000 MΩ
MR-B	2500 V	0–1000 MΩ	5–5000 MΩ
MR-B	1000 V	0–500 MΩ	2–2000 MΩ

SERIES	VOLT.	INNER	OUTER
MR-C	5000 V	100–100000 MΩ	-
MR-C	2500 V	50–50000 MΩ	-
MR-D	5000 V	0–5000 MΩ	50–100000 MΩ
MR-D	2500 V	0–2500 MΩ	25–50000 MΩ
MR-E	5000 V	50–50000 MΩ	-
MR-E	2500 V	25–25000 MΩ	-
MR-E	1000 V	10–10000 MΩ	-

04 APPLICATIONS

- Transformer and HV switchgear insulation testing requiring both standard and extended resistance range
- PI and dielectric absorption testing across multiple voltage classes
- Industrial and utility insulation maintenance programs

05 OPTIONAL ACCESSORIES

- + Carrying case
- + Test leads, 1m
- + H.V. test leads, 2m (general)
- + H.V. test leads, 2m (special)
- + Timer
- + Any other range - on request