











>> Uporedna tabela – instrumenti za merenje izolacije

											
	METRISO	5024	1000A	METRISO C	PRIME	PRIME+	INTRO	BASE	TECH	PRO	XTRA
Measuring voltage	100/250/500 V	50 ... 1000V	100/250/500 /1000V	100/250/500 /1000/1500/ 2000/2500/5000 V	100/250/500/ 1000/2500/5000 V	250/500 /1000V	50/100/250/500 V	50/100/250/500 /1000V	50/100/250/500 /1000V	50/100/250/500 /1000V	50/100/250/500 /1000V Uvar, Uramp
Insulation resistance (Ohm)	0,1 ... 400 MΩ wih buzzer	0 ... 400 MΩ	0 ... 100 GΩ	10 k ... 1 TΩ	10 k ... 1 TΩ	10 k ... 100 GΩ	10 k ... 10 GΩ	10 k ... 200 GΩ	100 k..100 MΩ	10 k ... 1 TΩ	
Polarization index and absorption ratio	-	-	-	-	x	-	-	-	-	-	x
Low resist. measuring (Ohm)	0 ... 4 Ω wih buzzer	0 ... 4 Ω	0 ... 100 Ω	-	-	0.17 ... 10 Ω	0.17 ... 10 Ω	0.17 ... 10 Ω	0,20 ... 5 Ω	0.17 ... 10 Ω	
Voltage measurement V _{AC/DC}	0 ... 500 V	0 ... 1000 V	0 ... 1200 V	0 ... 2000 V	0 ... 1000 V	10 ... 1000 V	10 ... 500 V	10 ... 1000 V	10 ... 1000 V	10 ... 1000 V	
Temperature / humidity	-	-	with T/F sensor	-	-	-	-	-	-	-	mit T/F-Fühler
Contact current	-	-	0 ... 10 mA	-	-	-	-	-	-	-	-
Dielectric discharge	-	-	0 ... 1000 V	-	0 ... 5000 V	-	-	-	-	-	0 ... 1000 V
Breakdown voltage	-	-	-	-	50..5 kV/1..500V/s	-	-	-	-	-	100 ... 1000 V
Capacitance meas.	-	-	-	-	0,01 ... 10 µF	-	-	-	-	-	-
Frequency measurement	-	-	1,5 ... 400 Hz	-	15 ... 400 Hz	-	-	-	-	-	-
Measurement value memory	-	-	x	-	x	-	-	-	-	-	x
PC Interface	-	-	IrDa	-	RS232	-	-	-	-	-	USB
Testing resistance							10 MΩ	10 M Ω	10 M Ω	10 M Ω	10 M Ω
Power supply	4x 1,5 V Mignon IEC LR6 (AA)	6x 1,5 V Mono IEC R20 (D)	4x 1,5 V Baby IEC LR14 (C)	6x 1,5V Mono IEC R20(D) e.g. Crank generator	Mains, 12 V-ext. or 8 ea. NiMH 9,6V / 3Ah	8x 1,5 V Mignon IEC LR6 (AA)	8x 1,5 V Mignon IEC LR6 (AA)	8x 1,5 V Mignon IEC LR6 (AA)	8x 1,5V Mignon IEC LR6 (AA)	8x 1,5V Mignon IEC LR6 (AA)	8x 1,5V Mignon IEC LR6 (AA)
Measuring	CAT III 600V	CAT II	CAT II 500V	CAT II 1000V,	CAT II 1000V	CAT III	CAT III 600V	CAT III 600V,	CAT III 600V,	CAT III 600V,	CAT III 600V,

category		1000V		CAT I 2000V		600V CAT IV 300V		CAT II 1000V	CAT II 1000V	CAT II 1000V
Approvals	CE	CE	CE, VDE-GS	CE, VDE-GS	CE	CE	CE	CE	CE	CE
Dimensions mm	98 x 310 x 40	165x110x125	140 x 275 x 65	290 x 140 x 250	320 x 230 x 300	225 x 130 x 140	225 x 130 x 140	225 x 130 x 140	225 x130 x140	225 x130 x140
Weight	0,5 kg	1,6 kg	1,2 kg	3,4 kg	ca. 4,5 kg	1,4 kg m. Batt.	1,4 kg m. Batt.	1,4 kg m. Batt.	1,4 kg m. Batt.	1,4 kg m. Batt.
Applications	1)	2)	3)	4)	5)	1) 2)	1) 2)	1) 2)	1) 2)	1) 2) 3) 4) 5)
Article number	M540E	M540A	M541A	M550T, M550U	M500o	M550N	M550o	M550P	M550R	M550S

- 1) Voltage-free devices and equipment, for rugged service applications and laboratory use
- 2) Voltage-free devices and equipment, and for testing resistance at earthing, protective and equipotential bonding conductors
- 3) Voltage-free electrical devices and equipment, for testing resistance at earthing, protective and equipotential bonding conductors, and for testing devices under test for absence of voltage.
 - METRISO C only: testing floor coverings for discharge capability and electrostatic charging
- 4) Electrical systems, machines, transformers, cables and equipment used in, for example, locomotives, street cars and ocean going vessels
- 5) Electrical motors, machines, generators and cables