METRISO INTRO / BASE / TECH / XTRA / PRO

Insulation Measuring Instrument / Low Resistance Measuring Instrument

METRISO INTRO

METRISO BASE

METRISO TECH

METRISO XTRA

METRISO PRO

FEATURES:

- Intelligent filter system – measurement-dependent, precision activation for the measurement of very high resistances with:
  - Beating, i.e. compensation of 16⅔ and 50 Hz interference
  - Attenuation of capacitive influences from power cables etc.
  - Suppression of electric field influences
- Indication of dangerous touch voltage by means of LED
- Acoustic signal generation in the event of limit value violations
- Interference voltage detection when switched off (not with METRISO INTRO)

- Overvoltage protection – protects the instrument in the event of inadvertent connection to mains power
- Electronic fuse for protection of low-resistance (R_{LO}) and resistance (R) measurements
- Device self-test with integrated 10 MΩ test resistor per EN 50110 (not with METRISO INTRO)
- Measuring category: 600 V CAT III / 300 V CAT IV
- DAkkS calibration certificate (not with METRISO INTRO / PRO)

Type	Article
METRISO INTRO	M550N
METRISO BASE	M550O
METRISO TECH	M550P
METRISO XTRA	M550S
METRISO PRO	M550R

Type	METRISO INTRO	METRISO BASE	METRISO TECH
Display	LCD	LCD	LCD
Measuring voltage	250, 500, 1000 V	50 to 500 V (50, 100, 250, 500)	50 to 1000 V (50, 100, 250, 500, 1000)
Measuring range	10 kΩ ... 10 GΩ	10 kΩ ... 100 GΩ	10 kΩ ... 200 GΩ
Polarization index, PI/DAR	–	–	–
Low-resistance measurement	0.17 Ω … 10 Ω	0.17 Ω … 10 Ω	0.17 Ω … 10 Ω
Voltage measurement	10 V … 1000 V	10 V … 500 V	10 V … 1000 V

Type	METRISO XTRA	METRISO PRO
Display	LCD	Analog
Measuring voltage	50 to 1000 V (50, 100, 250, 500, 1000)	50 to 1000 V (50, 100, 250, 500, 1000)
Measuring range	10 kΩ ... 1 TΩ	10 kΩ ... 1 TΩ
Polarization index, PI/DAR	■	–
Low-resistance measurement	0.17 Ω … 10 Ω	0.20 Ω … 5 Ω
Voltage measurement	10 V … 1000 V	10 V … 1000 V

ACCESSORIES

METRISO® SET
INTRO / BASE / TECH / XTRA / PRO

Test Probe for Remote Triggering

Ever-Ready Case

INCLUDED WITH METRISO sets:

- Test probe for remote triggering with METRISO, PROFITEST INTRO
- Ever-ready case for METRISO, PROFITEST INTRO

Type	Article
Test probe for remote triggering	Z550A
Ever-ready case	Z550C

Type	Article
METRISO INTRO Set	M551N
METRISO BASE Set	M551O
METRISO TECH Set	M551P
METRISO XTRA Set	M551S
METRISO PRO Set	M551R

Please refer to the data sheets for further technical specifications.