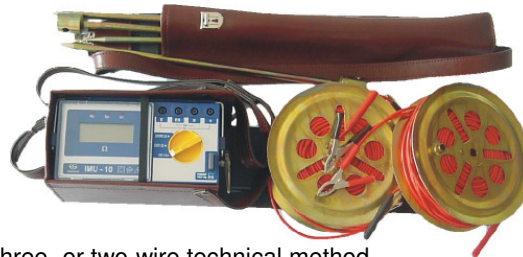


Digital earth resistance and ground resistivity meter IMU-10

APPLICATION

- The meter IMU-10 is designed for measuring :
- lightning earth resistance
 - equipment earth and system earth resistance
 - ground resistivity
 - low resistances (e.g. equalizer connections)



CHARACTERISTICS

- earth resistance measurement with the four-, three- or two-wire technical method
- direct measurement result reading on a big, clearly displaying LCD
- power supply from the built-in generator due to which the meter does not need any other sources of power supply
- signalling for too high voltage circuit resistance R_P which could cause the measuring error
- signalling for too high current circuit resistance R_C which could cause the measuring error
- signalling for too high voltage disturbing the voltage circuit U_Z which could cause the measuring error
- measuring circuits protection
- complete set of meter measuring accessories

METER METEOROLOGICAL PARAMETERS

Measuring Ranges	Test current	Maximum voltage circuit resistance	Maximum current circuit resistance
Ohm	mA	kOhm	kOhm
0 ... 19.99	10	1.2	1.2
0 ... 199.9	1	8	2
0 ... 1999	0.1	12	12



TECHNICAL SPECIFICATIONS

Power supply	Hand-driven generator
Basic measuring error	$\pm 2\%$ of the value read ± 5 digits
Measuring current frequency	128 Hz ± 0.5 Hz
Maximum series interference voltage in the voltage circuit	3 V _{RMS}
Signalling for too high current circuit resistance	LED-type diode "R _C "
Signalling for too high voltage circuit resistance	LED-type diode "R _P "
Signalling for too high interference voltage the voltage circuit	LED-type diode "U _Z "
Signalling for too low generator rotation speed	"LO BAT" message
Signalling for exceeding the measuring range	"1--"
Display	3 ½ digits, digits 13 mm high
Working temperature range	0 ... 40 °C
Overall dimensions (length, width, height)	204 x 109 x 106 mm
Meter weight	0.8 kg

ACCESSORIES

- cases
- measuring leads on reels
- measuring probes to be driven into the ground
- operating instructions
- warranty card

DIGITAL EARTH RESISTANCE AND GROUND RESISTIVITY METER EMU-10

APPLICATION

The meter EMU-10 is designed for measuring :

- lightning earth resistance
- equipment earth and system earth resistance
- ground resistivity
- low resistances (e.g. equalizer connections)

CHARACTERISTICS

- Earth resistance measurement with the four-, three- or two-wire technical method
- Direct measurement result reading on a big, clearly displaying LCD
- Power supply from the batteries
- Signaling for too high voltage circuit resistance R_p which could cause the measuring error
- Signaling for too high current circuit resistance R_c which could cause the measuring error
- Signaling for too high voltage disturbing the voltage circuit U_z which could cause the measuring error
- Measuring circuits protection
- Complete set of meter measuring accessories



METER METEOROLOGICAL PARAMETERS

Measuring Ranges	Test current	Maximum voltage circuit resistance	Maximum current circuit resistance
Ohm	mA	kOhm	kOhm
0 ... 19.99	10	1.2	1.2
0 ... 199.9	1	8	2
0 ... 1999	0.1	12	12

TECHNICAL SPECIFICATIONS

Power supply	Leak proof batteries R6-8 pcs.
Basic measuring error	$\pm 2\%$ of the value read ± 5 digits
Measuring current frequency	128 Hz ± 0.5 Hz
Maximum series interference voltage in the voltage circuit	3 V _{RMS}
Signaling for too high current circuit resistance	LED-type diode "R _c "
Signaling for too high voltage circuit resistance	LED-type diode "R _p "
Signaling for too high interference voltage the voltage circuit	LED-type diode "U _z "
Indication of low change of batteries	LO BAT" message
Signaling for exceeding the measuring range	"1." or "1"
Display	3 ½ digits, digits 13 mm high
Working temperature range	0 ... 40 °C
Overall dimensions (length, width, height)	204 x 109 x 106 mm
Meter weight	0.8 kg

ACCESSORIES

- Cases
- Measuring leads on reels
- Measuring probes to be driven into the ground
- Operating instructions
- Warranty card