

FACILITY SAFETY MONITOR

The PT-T2755 Facility Safety Controller combines most of the features needed to control domestic and commercial facilities in a single device. In particular: current, voltage, earth measurement, ground continuity, differential tripping time and current, insulation resistance, calculation of short-circuit and fault currents, mains and earth loop resistance, phase rotation, etc...

The device comes with a storage bag and all the accessories needed for all the measurements.

- 3.5-inch TFT colour display
- Measurements according to DIN VDE 0100/0413, EN 61557-6, EN 61008, EN 61009 and IEC 60364
- Bluetooth interface for data transfer to a smartphone
- Internal memory and SD card
- Test standards: EN 61557-2, EN 61557-3, EN 61557-4, EN 61557-5, EN 61557-6, EN 61557-7
- Safety standards: EN 61010-1; CAT III 600 V, IP 65, TÜV/GS
- Protection device : 1x 500mA (Flink) fuse, 2x 5A fuse
- Dimensions : 105 (l) x 225 (w) x 130 mm (h)
- Weight: 1.6 kg
- Accessories: protective case, carrying strap, test leads, test clips, isolation probe, universal charging adapter, earth stakes...etc...



ref. PT-T2755 (with accessories)

FUNCTIONS	RANGES				ACCURACY
Loop Resistance L-PE (Hi-AMP) Measuring current: 8,0 A ~ 25,0 Used voltage range: 195 V AC. - 260 V AC (50,60Hz)	0.23 – 9.99Ω	10.0 – 99.9Ω	100 – 999Ω		± (4% of reading.+ 6 digits)
Loop resistance L-PE (no trip) Measuring current: < 15mA Used voltage range: 195 V AC. - 260 V AC (50,60Hz)	0.23 – 9.99Ω	10.0 – 99.9Ω	100 – 999Ω		± (5% of reading.+ 6 digits)
Line resistance L-N Measuring current: 4A Used voltage range: 195 V AC. - 260 V AC (50,60Hz)	0.23 – 9.99Ω	10.0 – 99.9Ω	100 – 999Ω		± (4% of reading.+ 4 digits)
RCD test in mA	10mA, 30mA, 100mA, 300mA, 500mA and 1A				± (5% + 1 pc.)
Voltage measuring	80 - 500 V / AC-DC				± (2% + 2 dgt.)
Frequency measuring	45 - 65 Hz				±2 Hz
Resistance measuring (Low Ohm)	0.000~2.000Ω	2.00~20.00Ω	20.0~200.0Ω	200 ~2000Ω	± (1,5% + 3 dgt)
Earth resistance measuring	0.00~99.99Ω	100.0~999.9Ω	1000~2000Ω		± (2% + 6 chiffres)
Insulation résistance Test voltage 125V (0%~+10%) Test current 1mA at 125kΩ load	0.125~4.000 MΩ	4.001~40.00 MΩ	40.01~400.0 MΩ	400.1~1000 MΩ	±5% + 5dgt.
Insulation résistance Test voltage 250V (0%~+10%) Test current 1mA at 250kΩ load	0.250~4.000 MΩ	4.001~40.00 MΩ	40.01~400.0 MΩ	400.1~1000 MΩ	±4% + 5pc.
Insulation résistance Test voltage 500V (0%~+10%) Test current 1mA at 500kΩ load	0.500~4.000 MΩ	4.001~40.00 MΩ	40.01~400.0 MΩ	400.1~1000 MΩ	±4% + 5pc.
Insulation résistance Test voltage 1000V (0%~+10%) Test current 1mA at 1MΩ load	1,000~4,000 MΩ	4.001~40.00 MΩ	40.01~400.0 MΩ	400.1~1000 MΩ	±4% + 5pc.