



# Instaltest AT

Article number: 626000717



## Automatic installation tester

The Instaltest AT is a versatile and easy to use installation tester according to EN 61010-1 and EN 61557. Autotest is integrated; a single push on the button displays an organized program showing which tests are performed automatically.

The results are immediately stored and transported to the software where they will be transformed into a certificate. Available measurements include insulation resistance, RCD testing, impedance testing (Z-loop and Z-line) and earth resistance.

### Measurements

- Insulation resistance
- Continuity
- RCD trip current
- RCD Contact voltage
- RCD trip time
- Earthloop impedance without tripping RCD (Z-loop)
- Line impedance (Z-line)
- Automatic Z-loop & Z-line limits
- Voltage
- Frequency
- Earth resistance
- Soil resistivity (adapter required)
- Varistor test
- Phase rotation
- Extra low range loop impedance

### Specifications

#### Functions

Insulation resistance 100, 250, 500 and 1000 V		0.15...1000 MΩ
Continuity		0.16..1999 Ω
RCD test	Nominal voltage	100...264 V / 45...65 Hz
	RCD trip current	10, 30, 100, 300, 500, 1000 mA
	RCD contact voltage	0.0...99.9 V
	Test current	< 0.5 x IΔn
	RCD trip time	0...300 ms
	Test current RCD	0.5 x IΔn / 1 x IΔn (not IΔn = 1000 mA type B) / 2 x IΔn (not n = 1000 mA type A of IΔn ≤ 300 mA type B)
Type RCD	G and S	
Current type	AC / A / B	
Impedance	Loop	0.00...19.99 kΩ
	Line	0.00...1999 kΩ
Voltage		0...550 V
Frequency		0.00...999.99 Hz
Earth resistance (3 point)		0...9999 Ω
Soil resistivity (adapter required)		0...1000 kΩ
Varistor test		0...1000 VDC, 0...625 VAC
Phase rotation		100..550 VAC
Indication phase sequence		Yes

#### General

PC interface	USB/RS232
Overvoltage category	CAT III 600 V
Protection	IP40
Supply	6xLR06 AA batteries
Dimensions	230 x 115 x 103 mm
Gewicht	1.3 kg (excl. batteries)
Including	Manual, strap, RS232 and USB cable, InstalLink Pro software, quickstart manual, rechargeable batteries, charger, alligator clamps



#### What is AutoTest?

- Autotest will test an installation automatically and optimally
- There are no limits in combinin measurements on a system with the Autotest mode
- The user can select any individual test, which will simplify the use even more
- Comments, suggestions and remarks can be added to the tests to make the use and testing significantly easier
- Any combination of tests can be selected and stored
- Limiting values can be added, to show immediately a OK or reject symbol
- There are several programs available which apply to most of the occurring situations

