

Electrical Safety Tester Series PI 3301

PI 3301



- conform to **CE**, acc. to EN 50 191
- 4 in 1 tester: CT, PE, IS, HVDC
- microprocessor controlled
- menu controlled test programme creation
- printer and remote control interfaces
- 100 programmes with 300 steps per programme
- PC software



Electrical Safety Tester Series PI 3301

The electrical safety testers PI 3301 combine the protective conductor, insulation resistance and high voltage test in one device and thus allow tests according to many standards (IEC, EN, UL, BS, VDE, etc.). The design of these testers meets all the necessary requirements, i.e. from hand operation to automatic protocolling to a fully automatic system application. Software packages for remote control support complete concepts as well as OEM users.

Special attention has been paid to easy operation using a multiple line LC-display and function keys with plain text. There is a programme storage for 100 setups with 300 steps per setup available. The included WINDOWS software allows the creation and loading of test programmes on your PC. Via a simple WINDOWS software programme (optional) remote control by PC is possible. The printer interface allows standard protocols of all parameters as well as of the test and measurement results. Contrary to almost all of the other devices offered there is an automatic change-over between high voltage test and low voltage tests – therefore requiring only a single connection of the DUT.



Data:

	P 3301D	PI 3301D	PI 3301E	PI 3301K
high voltage test DC - potential	–	–	1500 VDC/4 mA free	2200 VDC/3 mA free
insulation measurement - potential	–	500 VDC/50 MOhm free	500 VDC/50 MOhm 1 kVDC/1 GOhm (option) free	500 VDC/50 MOhm 1 kVDC/1 GOhm (option) free
earth bond test - resistance measurement (EN 60335) - voltage measurement (EN 60204) - no-load voltage			10–30 AAC 0–0,5 Ohm 0–4 VAC 6 V and 12 V	
continuity test			24 VDC/0,6 A	
housing/plug-in		housing 14 2/3 HU		plug-in 19 2/4 HU
power supply		230 V/50 Hz or 115 V/60 Hz		

Special features:

- conform to **CE**, in accordance with EN 50 191
- 4 in 1 tester
- automatic test run
- internal change-over for all tests with single connection of DUT
- dwell time 0,1 up to 99,9 seconds
- visual and audible alarm
- window comparator for setups
- microprocessor controlled
- 100 programmes with 300 steps per programme
- internal clock / calendar
- LC-display with 4x20 characters
- PLC remote control interface
- PLC memory recall interface
- PC remote control interface
- PC setup software included

Options/Optional:

- PC remote control software
- IEEE interface
- insulation measurement 1000 VDC/1 GOhm

Accessories:

- test enclosure
- protective conductor probe
- test dummy