## Description
Multifunction tester with safety current limitation. Fully-electronic generators, extended voltage range supply 90 up to 250 V, 50 Hz / 60 Hz.

### High voltage test AC
- **Voltage range**: 100 up to 5,500 V
- **Current range**: 0 up to 3 mA
- **Short circuit current**: < 3 mA

### High voltage test DC
- **Voltage range**: 100 up to 6,000 V
- **Current range**: 0 up to 10 mA
- **Short circuit current**: < 12 mA
- **Residual ripple**: < 3 %

### Insulation measurement DC
- **Voltage range**: 100 up to 6,000 V
- **Measuring range (voltage dependent)**: 250 kΩ up to 1 GΩ

### ARC detection
- **Range**: 0 up to 100%

### Ground bond test
- **Measuring range**: 0 up to 10 Ω
- **Test current AC**: 1 up to 30 A

### Equivalent leakage current test
- **Measuring range**: 0 up to 10 mA
- **Test voltage AC**: 50 up to 270 V

### Continuity test
- **Measuring range**: 0 up to 600 mA

### Resistance measurement
- **Measuring range**: 0 up to 1,000 Ω

### Measured variables in function test
- **Current AC / DC**: 0 up to 16 A
- **Voltage AC / DC**: 0 up to 300 V
- **Active power**: 0 up to 4,000 W
- **Reactive power**: 0 up to 4,000 VAR
- **Apparent power**: 0 up to 4,000 VA
- **Cos φ**: -1 up to +1

### Subjective tests
- Picture step / text step
  - Subjective or informative

### General Data
- **Dimensions (HxWxD) and weight**: 241 x 380 x 450 mm / approx. 15.0 kg
  - 9.5 x 15.0 x 17.7 in. / approx. 33.1 lbs.

### Interfaces
- **Computer interfaces**: 2 x USB, RS 232, Ethernet / LAN, CAN
- **Digital interface 24 VDC**: 8 input + 8 output
- **Analogue interface 10 VDC**: 2 x input + 1 x output

### Operation
- **Touch**: 10.1”-TFT-colour display