

BESANTEK Digital High Voltage Insulation Tester is designed to evaluate Wires and Cables for proper Insulation Tolerances.

Features:

- Test insulation resistance up to 2TΩ (2000GΩ).
- Short-circuit current up to 5mA.
- Microprocessor controlled.
- 30 insulation test voltages.
- AC/DC voltmeter.
- PI (Polarization Index) indication.
- DAR (Dielectric Absorption ratio).
- Auto-ranging on all insulation ranges.
- Backlight function.
- Bar graph indicates test voltage, rise and decay can be observed.
- Menu driven.
- Visual and audible warning if external voltage is present ($\geq 30V_{ac}$ or $\geq 30V_{dc}$).
- Auto-hold function to freeze the reading.
- Overload protection.
- Adjustment for testing time (duration): 1- 30 minutes.
- Auto-off.
- Calendar.
- Optical USB to RS-232 data transmission.
- 200 measurement results can be saved in the memory and recalled on the display.
- Accessories: Instruction manual, test leads, data transmission cable, CD for PC interface, alligator clip, charger and test report.



BST-IT115

Technical Specification:

BST-IT115	
Insulation test voltage	From 500Vdc to 15kVdc Adjustable in 500V steps
Preset Buttons	1kV, 5kV, 10kV, 15kV
Insulation Resistance	70GΩ/0.5kV 70GΩ at 0.5kV ~ 2TΩ at 15kV
Accuracy	$\pm(5\%rdg+5dgt)$
Resolution	2GΩ: 0.001GΩ 20GΩ: 0.01GΩ 200GΩ: 0.1GΩ 2TΩ: 1GΩ
Short circuit current	up to 5mA
Voltmeter	ACV: 0~600V DCV: 0~600V Accuracy: $\pm(2.0\%rdg+3dgt)$ Resolution: 1V
Power Source	Rechargeable battery
Adapter	Input: 100 - 240 Vac, 0.4A , 50 - 60 Hz Output: 24Vdc 0.62A
Dimensions	430(L) x 324(W) x 127(D) mm
Weight	Approx. 5kg

Accessories

Test Report



Compact Disc (CD)
for PC Interface

Instruction Manual



Test Leads

Alligator Clip



Data Transmission Cable



Charger

Ordering Information:

- BST-IT115: Digital High Voltage Insulation Tester 15kV.