Hipot Tester ST9201

- AC withstanding voltage and insulation tester
- 240×64 Dot-matrix graphic LCD display
- Fast discharge and arc detection function
- Body protection function
- Built-in 8-channel matrix scanner for convenient use
- Set voltage rising time, test time, and voltage dropping time randomly
  for different load, DC withstanding voltage current judging & waiting time
- 100 test steps being stored per group, totally 50 groups, and the
  total testing steps are limited at 500
- Current base number correction function
- RS-232C, Handler and SCAN Interface

Test methods

High voltage test AC

- AC Voltage: 50 V - 5000V
  ± 1% of reading + 5 digit
  Voltage adjustment rate: ≤ 1.0% + 10V (rated power)
- AC current: 0.1 mA - **30.00 mA**
  ± 1% of reading + 5 digit
- 50 Hz or 60 Hz
- Discharge funtion: Discharge after test ends (DCW)

High voltage test DC

- DC Voltage: 50 V - 6000V
  ± 1% of reading+ 5 digit
  Voltage adjustment rate: ≤ 1.0% + 10V (rated power)
- AC current: 0.1 mA - **10.00 mA**
  ± 1% of reading + 5 digit
- 50 Hz or 60 Hz
- Discharge funtion: Discharge after test ends (DCW)

Insulation resistance test

- DC voltage: 50 V - 1000 V
  ± 1.5% of reading + 5 V
- Resistance test range: 0.1MΩ - 10GΩ
  Current rage within 10nA - 10mA
- Accuracy
  500V-1000V:
  1MΩ - 1GΩ ± 5% of reading + 5 digit
  1GΩ - 10GΩ ± 10% of reading + 5 digit
  50V-500V:
  0.1MΩ - 1GΩ ± 10% of reading + 5 digit

ARC Detection

- AC : 1mA – 15mA
- DC: 1mA – 10mA

Technical Data

- Memory: 50groups, 100 steps per group, totally 500 steps
- Voltage rise-time: 0.1s - 999s
- Voltage fall-time: 0.1s - 999s
- Voltage wait-time: 0.1s - 99.9s (only for DC) (nicht 9201)
- Test time setting 0.3s - 999s
- Interfaces: USB, RS232, HANDLER, REMOTE I/O, SCAN
- Power supply: 230V / 50Hz
- Dimensions (W/H/D) : 340/120/438.50 mm/li>
- Weight: 20kg
- CE - conformity
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What´s in the box

- ST90001R HV connection cable with test clip
- ST90001B HV Earth connection cable with test clip
- ST90002 HV Test probe

Optional

- GPIB- Interface
- Software ST®Meter
- WL20 Warning Lamp