



2  
Safety Tester

# Precision HI-POT Tester

7630/7631



Key Feature

- 2/9 channels (7630/7631)
- Graphic LCD
- Built-in programmable PLC remote control interface
- Built-in discharge circuit

- AC/DC hipot and insulation test
- Arcing detection
- Built-in RS-232 and USB Device
- Adjustable ramp time
- True RMS measurement circuit

Accessory

- Standard**
- Power cord
  - User manual CD
  - HV Test Cable

- Optional**
- RS-232 Cable
  - Scan Box (F7620)
  - Remote Cable
  - 8/16 Channels Expansion Box
  - D-Sub Footswitch (F760001)

Measuring Range

AC Withstand	10V - 5000V	Insulation Resistance	10V - 1000Vdc
DC Withstand	10V - 6000V	Arcing	0 - 20

## Specification

Measuring Item	Range	Resolution	Accuracy
AC Output Voltage	10V-5000V	1	±(3% of setting + 5V)
AC Output Frequency	50 / 60Hz		
AC Upper Threshold (mA)	0.001-30	0.001	±3%
AC Lower Threshold (mA)	0-30.99	0.001	±3%
AC Measuring Time / Ramp Time	0.1-999s / 0.1-10s	0.1	
AC Arcing	0-20		
DC Output Voltage	10V-6000V	1	±(3% of setting + 5V)
DC Upper Threshold (mA)	0.001-5	0.001	±3%
DC Lower Threshold (mA)	0-4.99	0.001	±3%
DC Measuring Time / Ramp Time	0.1-999s / 0.1-10s	0.1	
DC Arcing	0-5		
IR Output Voltage	10-1000Vdc	1	±(3% of setting + 5V)
IR Upper Threshold (MΩ)	1-12000	1	100-500V, 1-1000MΩ (±5%) 500-1000V, 2-12000MΩ (±5%)
IR Lower Threshold (MΩ)	0-11999	1	
IR Measuring Time / Ramp Time	0.1-999s / 0.1-10s	0.1	

## General

Power Supply	Voltage	90~264Vac
	Frequency	50 / 60Hz ± 5%
Display	480*272, 4.3" TFT LCD	
Interface	RS-232、PLC Remote、USB Host、USB Device、EXT IO	
PLC Remote Control	Test、Abort	
PLC Output Signal	Pass / Fail / HV output / Testing	
Flash Memory	30 sets	
Multi-steps Mode	16 steps	
Environment	Temperature : 5 ~ 40°C、Humidity : 0 ~ 80%RH	
Dimension (W*H*D)	365x145x430 mm.....7630	
	435x145x500 mm.....7631	
Weight	14 Kg .....7630	
	15 Kg .....7631	