



HI-POT Tester

7600/7620/7621/7640

Key Features

- 8 Channels Scan (7620/7621)
- Built-in PLC Remote Interface
- Programming Sequence Test
- Three Test Models Available
- RS-232 Port
- Connect to 7700 Impulse/Surge Tester
- Graphic LCD Display
- Open/Short Correction (7621)
- Ramp Up Time
- 21Channels Scan (7640 Only)

Microtest 7620 has resistance current value, accuracy, high stability.....functions.



- (1) OutPut
- (2) Output Voltage value
- (3) Voltage value
- (4) Upper limit
- (5) Lower limit
- (6) Current value if in IR mode it'll show resistance value
- (7) Aro value. If it shows "Arco" means that Aro function is off
- (8) Already tested time
- (9) Testing time
- (10) Unit display. If in IR mode, the unit is Ω
- (11) Tester condition
- (12) AC, DC, IR 3 Kinds of mode
- (13) S means single test step
M means multi test steps
The number after S or M means the file no.



● SPECIFICATIONS

· AC Withstand

Item	Range	Resolution	Accuracy
Output Voltage V	100V~5000V	10	±(3% of setting+5V)
Output Frequency	50/60Hz		±100ppm
Hi-Limit Current mA	0.001~10	0.001	±3%
Lo-Limit Current mA	0~9.999	0.001	±3%
Dwell Time Sec	0.1~99.9	0.1	
Ramp Up Time Sec	0.1~99.9	0.1	
Arc Detection	1~9		

· DC Withstand

Item	Range	Resolution	Accuracy
Output Voltage V	100V~6000V	10	±(3% of setting+5V)
Hi-Limit Current mA	0.001~5	0.001	±3%
Lo-Limit Current mA	0~4.999	0.001	±3%
Dwell Time Sec	0.1~99.9	0.1	
Ramp Up Time Sec	0.1~99.9	0.1	
Arc Detection	1~9		

· Insulation Resistance

Item	Range	Resolution	Accuracy
Output Voltage V	100~1000	10	±(3% of setting+5V)
Dwell Time Sec	0.1~99.9	0.1	
Hi-Limit Resistance MΩ	1~9999	1	100~500V, 1~1000MΩ (±5%) 500~1000V, 10~5000MΩ (±5%) 1000V, 10~9999M (±5%)
Lo-Limit Resistance MΩ	0~9998	1	
Ramp Up Time Sec	0.1~99.9	0.1	

· General

Item	Range	
Memory	30 Sets	
PLC Remote Control	Test, Abort	
PLC Signal Output	Pass, Fail, HV output	
LCD Display	240x64 graphic LCD	
Verification	AC, DC, IR	
Dimension and Weight	435(W) x 180(H) x 455(D)mm, 15Kg	
Environment	5~40°C, RH 0~80%	
Input Voltage	115/230Vac ±15%, 50/60Hz ±5%	
Test channel	7600	2 channels
	7620/7621	8 channels
	7640	21 channels

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