

453A Load Specifications

Measurement	True RMS value of applied waveform
Bandwidth	DC to 7 MHZ - 1 dB
Current	50 mA to 2000 mA output measurement 50 mA to 280 mA leakage measurement
Power	Maximum 1500 watts @ 1.5k test load Maximum 700 watts @ 500 ohm test load
Accuracy	100 mA to 2000 mA \pm 2.5% of reading 50 mA to 99 mA \pm 10% of reading 5 to 1500 watts \pm 5% of range
Load Resistance	100 to 1500 ohms (-0,+5) ohms \pm 3% 50 to 750 ohms (opt 1) \pm 3%
Crest Factor	0-15.9 +/- 5% (0.2 us pulse width min. 2% duty cycle)
Peak-Peak Voltage	0-10kV closed load only \pm 10%
Oscilloscope Output	200 mA per volt peak-peak
Temperature Range	15 to 35 degrees C operating 0 to 50 degrees C storage
Power Requirements	0.5 amps 110 vac \pm 10% 0.25 amps 230 vac \pm 10% 50/60 hz
Options Option 1 Option 2	50 ohm step test load (50 - 750 ohms) Crest Factor (Vpeak/Vrms) Peak to Peak voltage measurement (kVpp)