

Voltech PM3000 Single or 3 Channel Universal Power Analyzer
Specifications:

Voltage (V)		
Range (Auto or Manual)	0.5V to 2000Vpk	
(12 ranges 1-2-5 sequence)	(1000V rms)	
Scaling Factors	1 .0000 to 99999	
Computation	True rms or rectified mean	
Crest Factor	Up to 20	
Frequency Range	DC and 0 .1Hz to 200Hz	
Accuracy 23° ± 5°C	45 - 450Hz	±0 .1% rdg ±0 .1% range ± 20mV
0.2V 1000Vrms	1 .Hz-200kHz	±0 .2% rdg ±0 .1% range 0.05%/kHz
Effect of common	1000Vrms 60Hz	Less than 20mV
Mode Voltage	100Vrms 100kHz	Less than 200mV
Maximum Input	Continuous 1 second	2000Vpk 5000Vpk
Input Impedance	1 Mohm on all ranges at 15pF	
Current (A)		
Range (auto or manual)	INT	0 .05A to 200Apk (30A rms)
(12 ranges 1-2-5 sequences)	EXT	6 .25mV to 2 .5Vpk (1 .5Vrms)
Scaling Factor	INT EXT	1 .0000 to 99999 80mA/mV to 80000A/mV
Computation	True rms or rectified mean	
Crest Factor	Up to 20	
Frequency Range	DC and 0.1Hz to 200Hz	
Accuracy 23° ± 5°C	45 - 450Hz	±0 .1% rdg ±0.1% range ± 1mA
20mA to 30Arms	0.1Hz-200kHz	±0.2% rdg ±0.1% range±0.05%/kHz ±1 mA
Effect of common	1000Vrms 60Hz	Less than 20mA
Mode Voltage	100Vrms 100kHz	Less than 200mA
Maximum Input	Continuous	30Arms (must be limited by external fuses or CT's)
Input Impedance	1 second	1000Apk
	INT	0.0125ohms on all ranges
	EXT	1 Mohm on all ranges at 15pF

Power (W)	
Ranges (auto or manual) (144 ranges corresponding to V & A)	25mW to 400kW pk (with scaling to 100,000MW)