



PF2010 Digital Power Meter (Multifunction & high accuracy & wide bandwidth)

There are kinds of measurement functions for PF2010 Digital Power Meter. It can realize tests in a wide range of frequency from 10Hz to 500kHz and DC. And the accuracy of fundamental frequency measurement is 0.06%. It is with multiple functions, wide frequency and high accuracy which is very suitable for high accuracy testing situation.

Items	Voltage	C urrent
Measureme nt range	0.1V~600V	2.5mA~20A(direct input)
Input range (RMS)	30/60/100/200/400/600V	Direct input:0.5/1/2/5/10/20A
		External input:50/100/200mV
Range switch	Manual / Automatic	
Test mode	RMS / MEAN / DC	

Frequency range	DC/AC10Hz～500kHz	
Measurement accuracy	DC:	
	$\pm(0.04\% \text{ Reading} + 0.08\% \text{ Range} + 1 \text{ digit})$	$\pm(0.08\% \text{ Reading} + 0.16\% \text{ Range} + 1 \text{ digit})$
	10Hz～45Hz	
	$\pm(0.03\% \text{ Reading} + 0.05\% \text{ Range} + 1 \text{ digit})$	$\pm(0.05\% \text{ Reading} + 0.05\% \text{ Range} + 1 \text{ digit})$
	45Hz～65Hz	
	$\pm(0.03\% \text{ Reading} + 0.03\% \text{ Range} + 1 \text{ digit})$	$\pm(0.04\% \text{ Reading} + 0.04\% \text{ Range} + 1 \text{ digit})$
	65Hz～250Hz	
	$\pm(0.05\% \text{ Reading} + 0.1\% \text{ Range} + 1 \text{ digit})$	$\pm(0.05\% \text{ Reading} + 0.2\% \text{ Range} + 1 \text{ digit})$
	250Hz～1kHz	
	$\pm(0.05\% \text{ Reading} + 0.5\% \text{ Range} + 1 \text{ digit})$	$\pm(0.05\% \text{ Reading} + 1\% \text{ Range} + 1 \text{ digit})$
	1kHz～10kHz	
	$\pm(0.05\% \text{ Reading} + 1\% \text{ Range} + 1 \text{ digit})$	$\pm(0.05\% \text{ Reading} + 2\% \text{ Range} + 1 \text{ digit})$
	10kHz～100kHz	
	$\pm(0.01 \times (f-10)\% \text{ Reading} + 1.5\% \text{ Range} + 1 \text{ digit})$	$\pm(0.02 \times (f-10)\% \text{ Reading} + 2.5\% \text{ Range} + 1 \text{ digit})$
	100kHz～500kHz	
	$\pm(0.03 \times (f-100)\% \text{ Reading} + 3\% \text{ Range} + \text{digit})$	$\pm(0.15 \times (f-100)\% \text{ Reading} + 5\% \text{ Range} + \text{digit})$

PF2010 Digital Power Meter has been widely adopted by accredited laboratories and international companies for its advantages of complete functions, good reliability and high performance. PF2010 can be used as master for power meter(accuracy below 0.5%) calibration.