

6000 True RMS Digital Multimeter for frequency conversion TM-287

Features:

- ✓ Measure true RMS of nonlinear signal accurately
- ✓ Measure voltage and frequency of motor drive accurately
- ✓ 12 measuring functions, with VSD, diode, hFE, duty cycle, resistance, continuity, etc.
- ✓ Analog display, manual or auto range
- ✓ Strong antimagnetic and anti-jamming performance. Full function protection, with anti high voltage circuit design
- ✓ Large LCD display, white backlight, unit symbol display, very easy to read
- ✓ Relative value, Max/Min value measuring, data hold



Specifications

Basic function	Range	Accuracy
DCV	600mV/6V/60V/600V/1000V	$\pm(0.5\%+4)$
ACV	6V/60/600/1000V	$\pm(0.8\%+10)$
DCA	600uA/6000uA/60mA/600mA/6A/20A	$\pm(0.8\%+3)$
ACA	600uA/6000uA/60mA/600mA/6A/20A	$\pm(1.0\%+20)$
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	$\pm(0.8\%+5)$
Capacitance	40nF/ 400nF/4uF/40uF/400uF/2000uF	$\pm(3.5\%+8)$
Frequency	100Hz/1kHz/10kHz/100kHz/1MHz/60MHz	$\pm(0.5\%+4)$
Temperature	-40°C ~ 1000°C 0°F ~ 1832°F	$\pm(0.75\%+3)$ $\pm(1.2\%+3)$
Special function	TM-287	
VSD test	✓	
True RMS	✓	
Diode test	✓	
hFE test	✓	
Continuity alarm	Approx. less than 30Ω±10Ω	
Low battery indication	Approx less than 5V	
Duty cycle measuring	✓	
Data hold	✓	
Auto power off	Approx.15minutes	
Analog bar	✓	
Backlight display	✓	
Function protection	✓	
Input impedance	10MΩ	
Sampling rate	3times/s	
AC frequency response	40-10KHz	
Operation method	Manual or auto range	
Max. display	6000	
LCD size	65x41mm	
Battery	9V(6F22)	
Power dissipation	Quiescent current approx. 3mA	
Meter size	185×93×35mm	
Standard accessories	Test lead, battery, manual, temperature probe, crocodile clip	
Net weight	290g (including battery)	