

True RMS Multimeter

Project		189A
DC voltage	Range	50mV/500mV/5V/50V/500V/1000V
	Basic accuracy	$\pm (0.025\%+5\text{dgt})$
AC voltage	Range	50mV/500mV/5V/50V/500V/750V
	Basic accuracy	$\pm (0.7\%+30\text{dgt})$
DC current	Range	500uA/5000uA/50mA/500mA/5A/10A
	Basic accuracy	$\pm (0.15\%+10\text{dgt})$
AC current	Range	500uA/5000uA/50mA/500mA/5A/10A
	Basic accuracy	$\pm (0.8\%+30\text{dgt})$
Resistance	Range	50Ω/500Ω/5kΩ/50kΩ/500kΩ/5MΩ/50MΩ
	Basic accuracy	$\pm (0.05\%+5\text{dgt})$
Capacitance	Range	10nF/100nF/1000nF/10uF/100uF/1000uF/10mF/100mF
	Basic accuracy	$\pm (5\%+5\text{dgt})$
Frequency	Range	10Hz~100kHz
	Basic accuracy	$\pm (0.02\%+4\text{dgt})$
Thermocouple	Range	K indexing: -200.0°C-1360.0°C
	Basic accuracy	$\pm (0.5\%+3^{\circ}\text{C})$
RTD	Range	Pt100: -200.0°C-850.0°C
	Basic accuracy	$\pm (0.5\%+3^{\circ}\text{C})$
Display words		55000
The measurement rate		Fast: 20 times / sec Slow: 5 times / sec
Analog Bar graph		The fastest rate: 20 times / sec
Automatic / manual range		✓
Measure the true effective value		✓
Bandwidth		50kHz
Duty cycle ratio		10 %~90%
Diode test		✓
Continuity beeper		✓
dBm		✓
Low pass filter		✓
MAX/MIN/AVG		✓
Relative value measurement		✓
Data Hold		✓
Data Hold		✓
Peak Hold		✓
The reference junction compensation		✓
°C/°F conversion		✓
Change rate		✓
Input impedance		10MΩ
Data recording		Manual record:1000group Homework: 1000 groups of records
Online communication		189A can undertake wired communication with infrared serial port of the compatible USB connection.
		Support ASCII can realize remote control instrument by the device driver software. The powerful function, friendly man-machine interface, the user can conveniently obtain multiple data parameters of instrument, and the data storage, processing, management, access to data is displayed in the graphical or tabular form.
Auto power-off		✓
Display type		LCD
Backlight		✓
Power Supply		4×1.5 AA Alkaline batteries
Safety		CAT IV 600V, CAT III 1000V
Electromagnetic compatibility		IEC61326-1, Group1, Class B
Size		206×97×60mm
Weight		About 500g
Standard Quantity Per Carton		10pcs
Standard Carton Measurement		395mm×385mm×260mm
Standard Carton Gross Weight		11.3Kg



98A+



98C+



189A