



# DT-8908/8908H/8908C/8908D/8909A/8909D/8909/8909H

## Professional 6000 Counts True RMS Digital Multimeters



Model 8908D

*Du b e m b d d*

*L a g L C D i l s p y*

8908 Series is an innovative and reliable portable 3<sup>5</sup>/<sub>6</sub> digital multimeter with powerful measuring functions, including AC voltage and AC current True RMS sine wave measurement functions. It can measure up to 1000V AC/DC voltage, 20A AC/DC current, resistance, capacitance, frequency, diode, hFE, continuity and NCV, quickly and accurately distinguish neutral wire from strip wire. Temperature can also be measured and neutral and live wires and test leads detected. Equipped with sound and light alarm, torch, automatic backlight and other functions, can be used in a dark environment. It attracts users with its two-color durable case, modern appearance and versatility

### Safety Conformance

- EN61010-1 CAT III 600V, CAT II 1000V
- 1000V input protection on all ranges
- 20A/250V & 0.63A/250V(8908C,8908D, 8909D, 8909) fuses protection on current ranges
- 20A/250V & 0.5A/250V(8908, 8909A) fuses protection on current ranges

### Features

	8908H	8909H	8908	8908C	8908D	8909A	8909D	8909
6000 counts display with LCD backlight	4000	*	4000	*	*	4000	*	*
Auto Ranging		*				*	*	*
True-RMS measurements	*	*	*	*	*	*	*	*
Large capacitance range 100mF, fast measurement	4mF	*	4mF	*	*	4mF	*	*
Accurate measurement of 1000V voltage, 20A current measurement	*	*	*	*	*	*	*	*
Dual range NCV test which quickly identifies neutral and live wires	*	*	*	*	*	*	*	*
Auto Power Off	*	*	*	*	*	*	*	*
Flashlight and Auto backlight	*	*	*	*	*	*	*	*
hFE triode measurement function, can be on the transistor current amplification times detection;			*	*	*	*	*	*
Low battery indication	*	*	*	*	*	*	*	*
AC voltage frequency response (45~1000Hz)	*	*	*	*	*	*	*	*
Sampling rate 3 times/s	*	*	*	*	*	*	*	*
Double injection molding	*	*	*	*	*	*	*	*
LED check				*				
Analogue Bar Graph		*						*



Automatic backlight



Flashlight



Model 8909H

**CE**

EMC & LVD  
EN: 61326  
EN: 61010-1  
EN: 61010-02-032  
EN: 61010-02-033

EN 61010-1 CAT III 600V

EN 61010-1 CAT II 1000V

### Specifications

Function	Max. Range	Basic Accuracy	8908/8908H	8908C	8908D	8909A	8909D	8909/8909H
AC Voltage	6V/60V/600V/1000V 4V/40V/400V/1000V	±(1.0% ± 5)	*	*	*	*	*	*
DC Voltage	600mV/6V/60V/600V/1000V 400mV/4V/40V/400V/1000V	±(0.5% ± 3) ±(0.5% ± 3)	*	*	*	*	*	*
AC Current	60mA/600mA/20A 4mA/40mA/400mA/20A	±(2.5% ± 5) ±(2.5% ± 5)	*	*	*	*	*	*
DC Current	60μA/6mA/60mA/600mA/20A 4mA/40mA/400mA/20A	±(2.0% ± 3) ±(2.0% ± 3)	*	*	*	*	*	*
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ 400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(2.5% ± 5) ±(2.5% ± 5)	*	*	*	*	*	*
Temperature	-20 to 1000°C/-4 to 1832°F	±(2.5% ± 3°C)	*	*	*	*	*	*
Capacitance	60nF/600nF/6μF/60μF/600μF/6mF/60mF/100mF 40nF/400nF/4μF/40μF/400μF/4mF	±(2.5% ± 5) ±(2.5% ± 5)	*	*	*	*	*	*
Duty Cycle	1~99%		*	*	*	*	*	*
Frequency	9.999Hz/9.999MHz	±(1.0% ± 2)	*	*	*	*	*	*



hFE triode measurement function



LED check

**Size(HxWxD):** 188mm x 88mm x 56mm     **Weight:** 420g

**Accessories:** Test leads, 1.5Vx3 "AAA" batteries, Type K temperature probe, gift box with carrying case.