



● UT107



● UT109

UT100 series is specially designed for automobiles diagnostic. It combines RPM, DWELL, and other multimeter functions. The series is useful for automobile maintenance personnel to diagnose traditional vehicles and hybrid electric vehicles. Its applications include working on fuse, switch, solenoid, relay, charging system, fuel system, engine sensing etc.

- Diode/Data hold
- Continuity buzzer
- Low battery indication
- Input protection

## ■ SPECIFICATIONS

	Range	UT105	UT107	UT109
DC voltage (V)	200mV/2V/20V/200V/1000V	±(0.5%+5)		
	200mV/2V/20V/1000V		±(0.5%+2)	
	1000V			±(0.5%+3)
AC voltage (V)	2V/20V/200V/750V	±(0.8%+5)		
	200V/750V		±(0.8%+5)	
	1000V			±(1%+3)
DC current (A)	200mA/10A	±(0.8%+5)	±(0.8%+5)	
	10A			±(1%+2)
AC current (A)	10A			±(1.2%+5)
Resistance (Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(0.8%+5)		
	200Ω/2kΩ/20kΩ/200kΩ/20MΩ		±(0.8%+5)	
	40MΩ			±(1%+5)
Capacitance (F)	100μF			±(3%+5)
Frequency (Hz)	2kHz		±(2%+5)	
	10Hz~1MHz			±(0.1%+4)
Temperature (°C)	-40°C~1000°C		±(2%+8)	
	-40°C~537°C			±(1%+10)

### Features

Display count		2000	2000	4000
Manual range		√	√	
Auto range				√
Battery test	12V		±(3%+5)	
Duty cycle	1%~90%		±(4%+5)	
Auto power off				√
MAX/MIN/RS-232				√
LCD backlight				√
USB interface				√
Input impedance for DCV	Around 10MΩ	√	√	√
Dwell/Tach	4CYL/6CYL/8CYL	±(3%+5)	±(3%+5)	±(3%+5)

## ■ GENERAL CHARACTERISTICS

Power	9V battery (6F22)
Display	<b>UT105/UT107:</b> 60mm x 54mm; <b>UT109:</b> 65mm x 43mm
Product color	Red and grey
Product net weight	<b>UT105/UT107:</b> 351g (including holster); <b>UT109:</b> 370g
Product size	<b>UT105/UT107:</b> 179mm x 88mm x 39mm; <b>UT109:</b> 180mm x 87mm x 47mm
Standard accessories	<b>UT105:</b> Battery, test leads, holster <b>UT107:</b> Battery, test leads, holster, point contact temperature probe <b>UT109:</b> Battery, test leads, alligator clip, RS-232 interface cable, PC software CD, point contact temperature probe, multi-purpose socket
Standard individual packing	Gift box, English manual
Standard quantity per carton	<b>UT105/UT109:</b> 20pcs; <b>UT107:</b> 40pcs
Standard carton measurement	<b>UT105:</b> 450mm x 330mm x 340mm; <b>UT107:</b> 645mm x 450mm x 340mm <b>UT109:</b> 465mm x 335mm x 365mm
Standard carton gross weight	<b>UT105:</b> 5.9kg; <b>UT107:</b> 22.86kg; <b>UT109:</b> 14.7kg
Optional accessory	<b>UT109:</b> USB interface cable