



(UT801)
(UT802)



(UT803)



● UT801



● UT802



● UT803

SPECIFICATIONS

	Range	UT801	UT802	UT803
DC voltage (V)	200mV/2V/20V/200V/1000V	±(0.5%+2)	±(0.1%+3)	
	1000V			±(0.3%+2)
AC voltage (V)	2V/20V/200V/750V	±(0.8%+3)	±(0.5%+20)	
	1000V			±(0.6%+5)
DC current (A)	200μA/2mA/20mA/200mA/10A	±(0.8%+2)	±(0.5%+20)	
	10A			±(0.5%+3)
AC current (A)	2mA/20mA/200mA/10A	±(1.0%+3)	±(0.8%+40)	
	10A			±(1%+5)
Resistance (Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ	±(0.8%+3)		
	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/200MΩ		±(0.5%+10)	
	60MΩ			±(0.5%+2)
Capacitance (F)	20nF/2μF/200μF	±(4%+3)	±(4%+10)	
	6mF			±(2%+5)
Frequency (Hz)	2kHz/200kHz	±(1.5%+5)	±(1.2%+10)	
	60MHz			±(0.1%+3)
Temperature (°C)	-40°C~1000°C	±(1.2%+3)	±(1.2%+25)	±(1%+3)
Temperature (°F)	-40°F~1832°F			±(1.5%+5)

Features

Display count		2000	20000	6000
Auto/Manual range		Manual	Manual	Auto
Bandwidth (Hz)	100kHz			√
Diode/Transistor		√	√	√
Auto power off				√
Input protection				√
Continuity buzzer		√	√	√
Low battery indication		√	√	√
Data hold/LCD backlight		√	√	√
MAX/MIN/RS-232				√
USB interface				√
Voltage & current : AC+DC measurement				√
Misoperation alarm		√	√	

GENERAL CHARACTERISTICS

Power	AC 220V/50Hz or 1.5V batteries (R14) x 6
Display	UT801/UT802: 108mm x 34.5mm; UT803: 128mm x 28mm
Product color	Red and gray
Product net weight	UT801/UT802: 1.65kg; UT803: 2.4kg
Product size	UT801/UT802: 300mm x 245mm x 105mm; UT803: 310mm x 240mm x 105mm
Standard accessories	Test lead, alligator clip, point contact temperature probe, multi-purpose socket; Only UT801/UT802: power adapter; Only UT803: AC 220V power cord, software CD, RS-232 interface cable, USB interface cable
Standard individual packing	Carton box, English manual
Standard quantity per carton	4pcs
Standard carton measurement (L x W x H)	680mm x 365mm x 320mm
Standard carton gross weight	UT801: 8.6kg; UT802: 8.3kg; UT803: 11.2kg



● UT804



● UT805A

■ SPECIFICATIONS

	Range	UT804	UT805A
DC voltage (V)	1000V	±(0.025%+5)	±(0.015%+3)
AC voltage (V)	750V		±(0.2%+100)
	1000V	±(0.4%+30)	
DC current (A)	10A	±(0.1%+15)	±(0.03%+10)
AC current (A)	10A	±(0.7%+15)	±(0.3%+100)
Resistance (Ω)	20MΩ		±(0.02%+6)
	40MΩ	±(0.3%+40)	
Capacitance (F)	40mF	±(1%+20)	
	6mF		±(2%+5)
Frequency (Hz)	10Hz~60MHz		±(0.1%+3)
	40Hz~400MHz	±(0.01%+8)	
Temperature	-40°C~1000°C	±(1%+30)	
	-40°F~1832°F	±(1.5%+50)	
Features			
Display count		40000	200000
Duty ratio (0~100%)		±(1.0%+40)	
Auto power off/Low battery indication		√	
Data storage		9999	100
USB interface/LCD backlight		Double LCD backlight	√
Peak hold/Auto/manual alarm		√	
Dot-matrix LCD	256 × 64 pixels		√
Analog bar graph		81	
Input protection		√	√
4~20mA	0~100%	±(1%+50)	

UT804

- 40000-count auto range/ TRMS
- Analog bar display
- Overload protection
- Battery and cord dual power supply
- RS-232 and USB interfaces
- 9999 data storage

UT805A

- 200000-count auto range/TRMS
- 256 x 64 pixels dot-matrix LCD
- High accuracy up to ±(0.015%+3) for DC voltage

Other Features

- Auto range; Bandwidth (100kHz)
- Diode; Continuity buzzer; True RMS
- Data hold; Relative measurement
- MAX/MIN; Data recall; RS-232
- Voltage and current: AC+DC measurement

■ GENERAL CHARACTERISTICS

Power	UT804: AC 220V/50Hz or 1.5V batteries (R14) x 6; UT805A: AC 220V/50Hz
Display	128mm x 28mm
Product color	White and grey
Product net weight	UT804: 2.2kg; UT805A: 3.2kg
Product size	UT804: 310mm x 240mm x 105mm; UT805A: 300mm x 245mm x 105mm
Standard accessories	Test lead, multi-purpose socket, AC 220V power cord, software CD, RS-232 interface cable, USB interface cable, alligator clip, point contact temperature probe (UT804), probe (UT805A)
Standard individual packing	Carton box, English manual
Standard quantity per carton	4pcs
Standard carton measurement	UT804: 680mm x 365mm x 320mm; UT805A: 685mm x 450mm x 315mm
Standard carton gross weight	UT804: 14.5kg; UT805A: 18kg