

Technical Specifications

Model	UT8802E	UT8803E	UT8804E	UT8805E
Display count	19999	5999	59999	199999
DCV Accuracy	0.1%	0.3%	0.025%	0.015%
Sampling speed	2~3 rdgs/s	2~3 rdgs/s	2~3 rdgs/s	5k rdgs/s
DC voltage (V)	200mV/2V/20V/200V/1000V	1000V	1000V	1000V
AC voltage (V)	2V/20V/200V/750V	750V	1000V	750V (45Hz~100kHz)
DC current (A)	200μA/2mA/20mA/200mA/20A	10A	10A	10A
AC current (A)	2mA/20mA/200mA/20A	10A	10A	10A
Capacitance (F)	100mF	6mF	60mF	2mF
Resistance (Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/200MΩ	60MΩ	60MΩ	100MΩ
Inductance (H)	—	100H	—	—
Conductance (nS)	—	—	60nS	—
Temperature (°C/°F)	—	-40°C~1000°C	-40°C~1000°C	-270°C~1370°C
Frequency (Hz)	200Hz~10MHz	600Hz~20MHz	60Hz~60MHz	20Hz~1MHz
Duty cycle (%)	5%~99%	5%~95%	10%~90%	—
Frequency response (Hz)	1kHz	100kHz	100kHz	100kHz
Range	Manual	Manual,Auto	Manual,Auto	Manual,Auto
Input impedance for DCV	10MΩ	10MΩ	10MΩ	< 20V: 10GΩ Other:10MΩ
True RMS	—	√	√	√
Diode/Continuity	√	√	√/—	√
SCR/Transistor hFE	√	√	—	—
Hold	√	√	√	√
LCD backlight	√	√	√	√
AC+DC measurement	—	—	√	—
Data storage	—	—	20000	10000; 1Gb flash memory
Arbitrary sensor measurement	—	—	—	√
Dual display measurement	—	—	—	√
Mathematical operations	—	—	—	√
Interface	USB Device	USB Device	USB Device	USB Host, USB Device, LAN, RS-232

General Characteristics

Power	100V/120V/220V/240V ± 10%, 47Hz~63Hz	AC 100V~120V: 45Hz~440Hz; AC 200V~240V: 45Hz~66Hz	
Display	EBTN LCD	4.3 inches TFT LCD	
Product net weight	3.1kg	3.7kg	4.4kg
Product size	265mm x 110mm x 320mm	239mm x 109mm x 344mm	
Standard quantity per carton	2pcs		
Standard carton measurement	380mm x 330mm x 320mm		
Standard carton gross weight	9kg	9.5kg	10.5kg

Ordering Information

UT8000E Series	Benchtop Digital Multimeter(Display:199999,0.015%,Range:Auto)	UT8805E
	Benchtop Digital Multimeter(Display:59999,0.025%,Range:Manual/Auto)	UT8804E
	Benchtop Digital Multimeter(Display:5999,0.3%,Range:Manual/Auto)	UT8803E
	Benchtop Digital Multimeter(Display:19999,0.1%,Range:Manual)	UT8802E
Standard Accessories	International standard power cord	—
	USB interface cable	UT-D14
	RS232C interface cable(only UT8805E)	—
	Test leads	—
	simple test lead with alligator	—
	temperature probe (UT8803/4/5E)	—
Optional accessory	GPIO(Only 8805E)	—