



UT8805E Benchtop Digital Multimeter

1. 200000 display count
2. Auto range, TRMS
3. Up to 5k rdgs/s sampling rate
4. Multiple mathematical operations
5. Arbitrary sensor measurement

6. Built-in thermocouple cold junction compensation

7. 1Gb flash memory storage which can support up to 10k data recall

Applications:

Production QA, maintenance, research, and education.

Specifications	Range	Accuracy (90 days)
DC voltage (V)	20mV/2V/20V/200V/1000V	±(0.008%+0.003%)
AC voltage (V)	200mV/2V/20V/200V/750V	±(0.19%+0.05%)
DC current (A)	200μA/2mA/20mA/200mA/2A/10A	±(0.050%+0.005%)
AC current (A)	2mA/20mA/200mA/2A/10A	±(0.30%+0.1%)
Resistance (Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/10MΩ/100MΩ	±(0.012%+0.003%)
Capacitance (F)	2nF/20nF/200nF/2μF/20μF/200μF/2mF	±(1%+0.5%)
Frequency (Hz)	20Hz~1MHz	±(0.01%+0.003%)
Temperature	-270°C~1760°C (thermocouple and thermal resistance sensor supported)	±0.5°C
Features		
Display count	200000	
Auto range	√	
True RMS	√	
Sampling speed	5k rdgs/s	
Data storage	10k data record; 1GB Nand Flash total storage	

Frequency response (Hz)	100kHz
Diode/triode	√
Continuity buzzer	√
Data hold	√
Mathematical operations	Pass/Fail, relative value, minimum/maximum/average, standard deviation, dBm, dB, Hold, histogram, trend and bar chart
Voltage & current	AC+DC
Input resistance	≥10GB or 10MΩ
Interface	USB Host, USB Device, LAN, RS-232

General Characteristics

Power	AC 100V~120V: 45Hz~440Hz; AC 200V~240V: 45Hz~66Hz
Display	4.3 inches TFT LCD
Product color	White and grey
Product net weight	4.4kg
Product size	239mm×100mm×344mm
Standard accessories	Power cord, USB interface cable, simple test leads with alligat or clips, temperature probe, PC software CD
Standard individual packing	Carton box
Standard quantity per carton	2pcs
Standard carton	380mm x 330mm x 320mm

measurement	
Standard carton gross weight	9kg