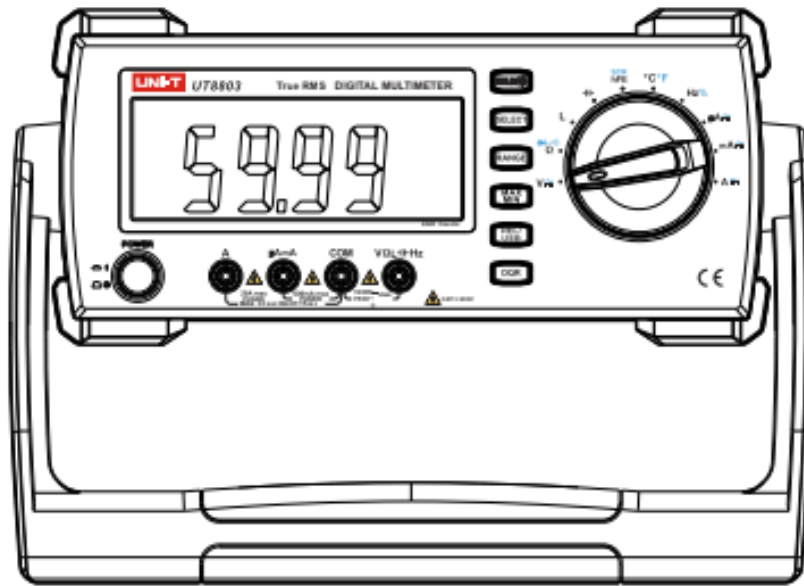


# UT8803

## Benchtop Digital Multimeter

### User Manual



## UT8803 Benchtop Digital Multimeter

UT8803 is a 5999-count True RMS benchtop digital multimeter with auto range. Having a large EBTN LCD Display and a USB interface, it features thyristor testing mode, overload protection for all ranges and special appearance design. It is an ideal tool for electricians.

### Main features

1. Auto range
2. True RMS
3. Diode/transistor
4. SCR thyristor measurement
5. Inductance measurement
6. USB interface
7. EBTN LCD backlight
8. Data hold
9. MAX/MIN
10. Continuity buzzer

<b>Specifications</b>	<b>Range</b>	<b>Best Accuracy</b>
DC Voltage (V)	600mV/6V/60V/600V/1000V	$\pm(0.3\%+2)$
AC Voltage (V)	600mV/6V/60V/600V/1000V	$\pm(0.6\%+5)$
DC Current (A)	600 $\mu$ A/6000 $\mu$ A/60mA/600mA/20A	$\pm(0.8\%+3)$
AC Current (A)	600 $\mu$ A/6000 $\mu$ A/60mA/600mA/20A	$\pm(1\%+5)$
Resistance ( $\Omega$ )	600 $\Omega$ /6k $\Omega$ /60k $\Omega$ /600k $\Omega$ /6M $\Omega$ /60M $\Omega$	$\pm(1\%+5)$
Capacitance (F)	6nF/60nF/600nF/6 $\mu$ F/60 $\mu$ F/600 $\mu$ F/6mF/60mF	$\pm(1.5\%+5)$
Inductor (H)	600 $\mu$ H/6mH/60mH/600mH/6H/60H/100H	$\pm(1.5\%+5)$
Frequency (Hz)	600Hz/6kHz/60kHz/600kHz/6MHz/20MHz	$\pm(0.1\%+10)$
Temperature ( $^{\circ}$ C)	-40 $^{\circ}$ C ~ 1000 $^{\circ}$ C	$\pm(1\%+1^{\circ}$ C)
Temperature ( $^{\circ}$ F)	-40 $^{\circ}$ F ~ 1832 $^{\circ}$ F	$\pm(1\%+2^{\circ}$ F)
<b>Features</b>		
Display count		6000
Auto range		√
Bandwidth (Hz)	100kHz	√
Diode		√
SCR		√
Transistor		√
Continuity buzzer		√
Data Hold		√
MAX/MIN		√
USB interface		√
LCD Backlight		√

Input Protection		√
Input Impedance for DCV	600mV range: around 3GΩ; Other ranges: around 10MΩ	√
Voltage & Current: AC+DC Measurement		√
<b>General Characteristics</b>		
Power	100V/120V/220V/240V ±10%, 47Hz~63Hz	
LCD	EBTN	
Product color	White and grey	
Product net weight	2.4kg	
Product size (W×H×D)	380mm x320mm x 110mm	
Standard accessories	Test lead, power cord, PC software CD, USB interface cable	