

UNI-T®



UT15B/17B/18B MAX True RMS Digital Multimeter

UT15B/17B/18B MAX series True RMS multi-meters have a compact and portable design, fast response, strong anti-interference to EMC interference, and come with standard gold-plated test leads and gold-plated fine-tipped test leads. They also feature full-range 1000V input protection, making them the ideal tool for electronic and electrical engineers.

True
RMS

True RMS



Compact
design anti-interference

EMC

strong



Fine-tipped
probe



Input
protection



Any-key
wake up



Mis-plug
alarm

Technical Specifications

Models		UT15B MAX	UT17B MAX	UT18B MAX
Voltage (DC)	600.0mV/6.000V/60.00V/600.0V/1000V	±(0.4%+3)	±(0.4%+3)	±(0.4%+3)
Voltage (AC)	600.0mV/6.000V/60.00V/600.0V/1000V	±(0.5%+5)	±(0.5%+5)	±(0.5%+5)
VFD (Voltage)	600.0V	±(8%)	±(8%)	±(8%)
Current (AC)	600.0μA/6000μA /60.00mA/600.0mA/6.000A/10.00A	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
Current (DC)	600.0μA/6000μA /60.00mA/600.0mA/6.000A/10.00A	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
Resistance	600.0Ω/6.000kΩ/60.00kΩ /600.0kΩ/6.000MΩ/60.00MΩ	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
Capacitance	6.000nF/60.00nF~600.0μF/6000μF	±(2.0%+5)	±(2.0%+5)	±(2.0%+5)
Frequency (Hz)	10Hz~10MHz	±(0.1%+3)	±(0.1%+3)	±(0.1%+3)
Duty cycle	1%~99.9%	±(1.0%+4)	±(1.0%+4)	±(1.0%+4)
Temperature (°C/°F)	-55°C~500°C/-67°F~932°F		±2°C/±4°F	±2°C/±4°F
Main features				
Display count		6000	6000	6000
Continuity/Diode		√	√	√
Data hold		√	√	√
MAX/MIN		√	√	
Relative mode		√	√	√
Backlight (adjustable)		√	√	√
Auto range/Manual range		√	√	√
Auto power off		√	√	√
Low battery indication		√	√	√
Audible & Visual alarm		√	√	√
LED test				√
Mis-plug alarm		√	√	√
Any-key wake up		√	√	√
Overvoltage category		CAT III 600V	CAT III 600V	CAT III 600V
General Characteristics				
Power supply		2 x 1.5V AA	2 x 1.5V AA	2 x 1.5V AA
Product color		426U+1797C	426U+1797C	426U+1797C
Product weight		455g	455g	455g
Product dimension		182 x 91 x 45mm	182 x 91 x 45mm	182 x 91 x 45mm
Accessories	1pcs User manual, 2 pair Test lead (normal gold plated probe & Fine-tipped probe), 1pcs K-type thermocouple (UT17B/UT18B MAX only), 2pcs battery, Magnetic hanger (optional)			
SPQ		10 pcs	10 pcs	10 pcs
Package dimension		480 x 370 x 195mm	480 x 370 x 195mm	480 x 370 x 195mm
Standard package gross weight		Around 9kg	Around 9kg	Around 9kg

UNI-TREND
TECHNOLOGY



meters.uni-trend.com



Compact & Ergonomics design

With its compact and ergonomic design, this device becomes an ideal testing tool for engineers.



- Thickness decreased:
7mm, (about 12%)
- Height decreased:
7mm, (about 4%)
- Width decreased:
4mm, (about 4%)



Full range input protection (2 fuses)



Complete input protection is ensured by the inclusion of two Bussman fuses, covering the full range of inputs.

Fast measurement



Experience quick and efficient measurement of resistance and capacitance with this advanced device.

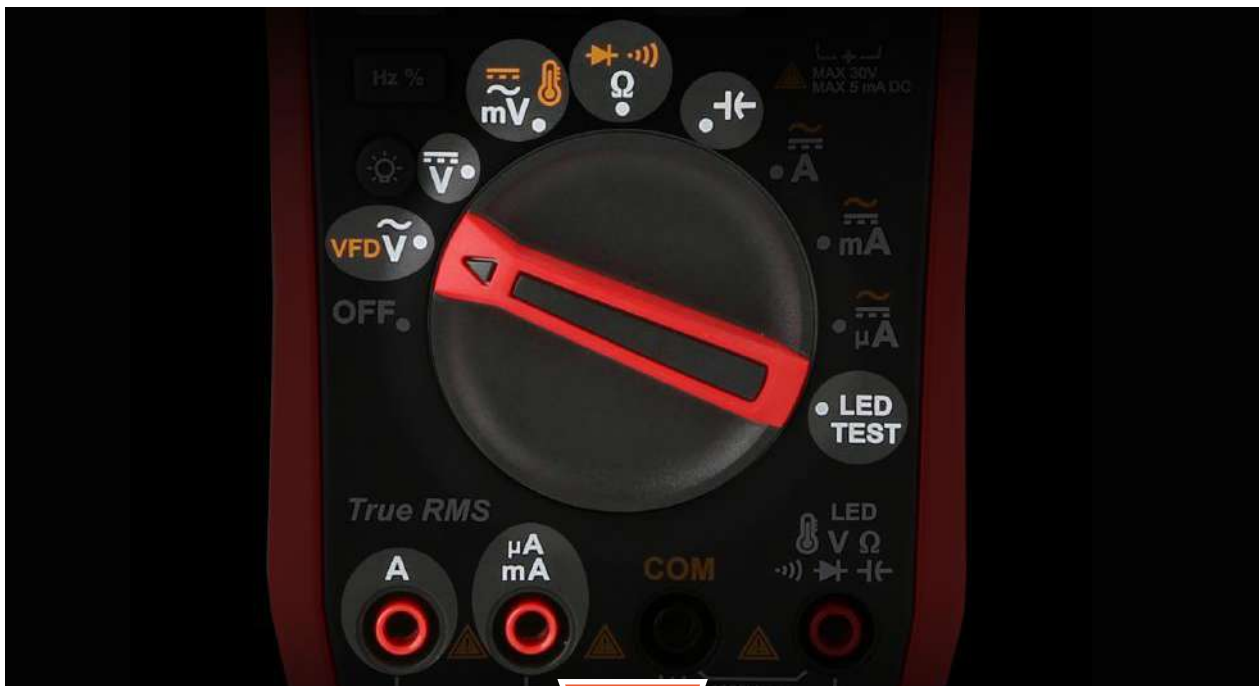
Magnetic Hanger (optional)



Compatible with the UT-B23, free your hands to perform the measurement safely.

Mis-plug alarm (LED)

Mis-plug



LED alarm



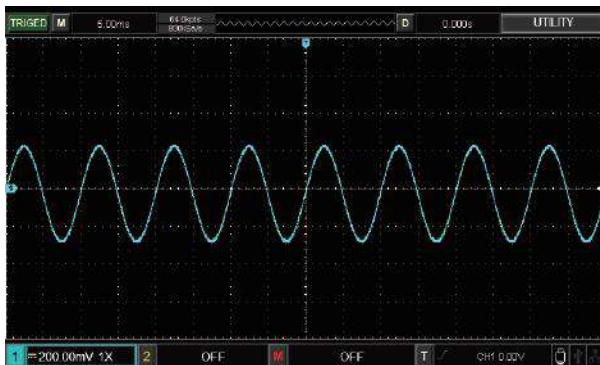
The Ampere function is equipped with an LED alarm that promptly notifies users of any "Mis-plug" operations.

Bias frequency measurement

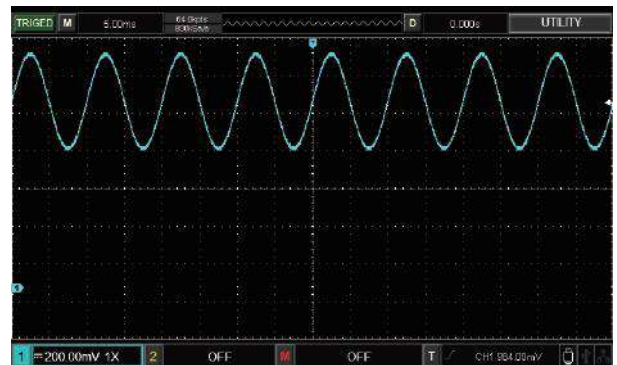
- It is able to measure the Bias signal
- Using scenarios: Electronic product manufacturing and maintenance, such as Crystal oscillator frequency measurement



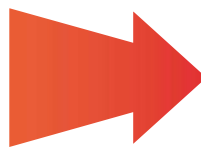
Source



Normal signal



Bias signal



UT15B/17B/18B
MAX series

Competitor



Measurement
correct

Can't measure
correct

Two test probes (standard accessories)

The device offers versatility with its gold-plated normal probe and Fine-tipped gold-plated probe, catering to various scenarios.



Normal probe (gold-plated)



Fine-tipped probe (gold plated)

Package info



REACH