

UNI-T®



UT195 Series Professional Multimeters



● UT195DS

UT195 series are handheld industrial digital multimeters with IP65 and 2m drop proof. It can be applied in mines, oilfields and other harsh environments. Compare with traditional multimeters, UT195's troubleshooting capability, resolution, and precision are improved to find issues related to motor drive, factory equipment maintenance, electrical distribution, and repair etc. It is exquisitely designed and easy to operate.



SPECIFICATIONS

	Range	UT195E	UT195M	UT195DS
DC voltage (V)	1000V	±(0.5%+3)	±(0.5%+3)	±(0.5%+3)
AC voltage (V)	750V	±(0.7%+3)	±(0.7%+3)	±(0.7%+3)
AC+DC	600V			±(1.5%+4)
LoZ ACV	600V	±(2%+3)	±(2%+3)	±(2%+3)
DC current (A)	20A	±(0.8%+3)	±(0.8%+3)	±(0.8%+3)
AC current (A)	20A	±(1%+3)	±(1%+3)	±(1%+3)
Resistance (Ω)	60MΩ	±(0.8%+2)	±(0.8%+2)	±(0.8%+2)
Capacitance	60mF	±(3%+5)	±(3%+5)	±(3%+5)
Frequency	60Hz~10MHz	±(0.1%+4)		
	60Hz~40MHz		±(0.1%+4)	±(0.1%+4)
Duty cycle	0.1%~99.9%	±(2%+5)	N/A	±(2%+5)
Temperature (°C)	-40°C~1000°C		±(1.5%+4)	
Temperature (°F)	-40°F~ 1832°F		±(2%+5)	

Features				
Display count		6000	6000	6000
Display interface (LCD)		Single	Single	Dual
Measurement sampling rate	times/s	3	3	5
Analog bar sampling rate	times/s	10		20
Analog bar	31 sections	√		√
True RMS		√	√	√
AC voltage frequency response		45~400Hz	45~1kHz	45~5kHz
AC current frequency response		45~400Hz	45~1kHz	45~5kHz
3-phase motor sequence test	600V		√	√
Low pass filter	1kHz 3dB attenuation			√
Diode/Continuity test		3.5V	3V	3V
Peak hold	250μs			√
Auto/Manual range		√		
Continuity buzzer		√		
Low battery indication		√		
Data hold/Auto power off		√		
MAX/MIN		√		
Function selection		√		
Flashlight/Auto backlight		√		

GENERAL CHARACTERISTICS

Power	9V battery
LCD size	66mm x 51mm
Product color	Red and grey
Product net weight	437g
Product size	195mm x 95 mm x 58mm
Standard accessories	Test probes, battery, carrying bag, point contact temperature probe (UT195M)
Standard individual packing	Gift box, English manual
Standard quantity per carton	6pcs
Standard carton measurement	580mm x 375mm x 215mm
Standard carton gross weight	7.2kg

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