

Models	UT61B+	UT61D+	UT61E+	UT161B	UT161D	UT161E	UT195E	UT195M	UT195DS
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DC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC voltage (V)	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
DC current (A)	10A	20A	20A	10A	20A	20A	20A	20A	20A
AC current (A)	10A	20A	20A	10A	20A	20A	20A	20A	20A
Resistance ( $\Omega$ )	60M $\Omega$	60M $\Omega$	220M $\Omega$	60M $\Omega$	60M $\Omega$	220M $\Omega$	60M $\Omega$	60M $\Omega$	60M $\Omega$
Capacitance (F)	60mF	60mF	220mF	60mF	60mF	220mF	60mF	60mF	60mF
Frequency (Hz)	10MHz	10MHz	220MHz	10MHz	10MHz	220MHz	10MHz	40MHz	40MHz
Temperature ( $^{\circ}$ C)		-40 $^{\circ}$ C~1000 $^{\circ}$ C			-40 $^{\circ}$ C~1000 $^{\circ}$ C			-40 $^{\circ}$ C~1000 $^{\circ}$ C	
<b>Features</b>									
Display count	6000	6000	22000	6000	6000	22000	6000	6000	6000
Diode/continuity	●	●	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●	●	●
LCD backlight	●	●	●	●	●	●	●	●	●
Duty cycle	●	●	●	●	●	●	●	●	●
Relative mode	●	●	●	●	●	●	●	●	●
NCV	●	●	●	●	●	●	●	●	●
Auto range	●	●	●	●	●	●	●	●	●
Transistor (hFE)			●			●			
Max/min	●	●	●	●	●	●	●	●	●
Peak hold		●	●		●	●			●
True RMS	●	●	●	●	●	●	●	●	●
<b>Special Features</b>									
Analog bar graph	●	●	●	●	●	●	●		●
Low pass filter(LPF)			●			●			●
LoZ		●			●		●	●	●
USB interface	●	●	●	●	●	●			
Bluetooth/APP (optional)	●	●	●	●	●	●			
AC+DC			●			●			●
3-phase motor sequence								●	●
<b>Safety Features</b>									
Drop test	1m	1m	1m	1m	1m	1m	2m	2m	2m
Safety rating	CAT III 1000V/CAT IV 600V								
Certificates	CE/UKCA/cETLus					CE/UKCA/GS/cTUVus			

UT195 series are industrial digital multimeters with IP65 and 2m drop proof. It can be used in mines, oilfields and other harsh environments. UT195 series can be used to find issues related to motor drive, factory equipment maintenance, electrical distribution, and repair. It is exquisitely designed and easy to operate.



UT195DS



### Features

IP65/2m drop proof	Data hold
True RMS	Auto power off
LoZ ACV	MAX/MIN
3-phase motor sequence test (UT195M/DS)	Function selection
LPF ACV (UT195DS)	Flashlight/Auto backlight

Specifications	Range	UT195E	UT195M	UT195DS
<b>Certificates</b>	CE, UKCA, GS, cTUVus			
DC voltage (V)	1000V	±(0.2%+5)	±(0.2%+5)	±(0.2%+5)
AC voltage (V)	1000V	±(1%+3)	±(1%+3)	±(1%+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 60Hz~40MHz	±(0.1%+4)	±(0.1%+4)	±(0.1%+4)
Duty cycle	0.1%~99.9%	±(2%+5)		±(2%+5)
Temperature (°C)	-40°C~1000°C		±(1.5%+4)	
Temperature (°F)	-40°F~1832°F		±(2%+5)	
Display count		6000	6000	6000
Display interface (LCD)		Single	Single	Dual
Measurement sampling rate		3/s	3/s	5/s
Analog bar sampling rate		10/s		20/s
Analog bar		31		31
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	600V
Low pass filter				1kHz
Diode/Continuity test		3.5V	3V	3V
Peak hold				250μs
Category ratings	CAT III 1000V, CAT IV 600V, IP65			

### Characteristics

Standard accessories	Test probes, battery, carrying bag, point contact temperature probe (UT195M), English manual (German, French, Spanish optional)
Power	9V battery
Display	66 x 51mm
Product size	195 x 95 x 58mm
Product net weight	437g
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	605 x 335 x 405mm
Standard carton gross weight	UT195E/UT195M: 11.8kg; UT195DS: 11.18kg