

Models	UT33A+ /UT131A	UT33B+ /UT131B	UT33C+ /UT131C	UT33D+ /UT131D	UT120A	UT120B	UT120C
Page	056	056	056	056	065	065	065
DC voltage (V)	600V/250V	600V/250V	600V/250V	600V/250V	600V	600V	600V
AC voltage (V)	600V/250V	600V/250V	600V/250V	600V/250V	600V	600V	600V
DC current (A)	10A	10A	10A	10A			400mA
AC current (A)	10A						400mA
Resistance (Ω)	200MΩ	20MΩ	20MΩ	200MΩ	40MΩ	40MΩ	40MΩ
Capacitance (F)	2mF					100μF	100μF
Frequency (Hz)					100kHz	100kHz	100kHz
Temperature (°C)			-40°C~1000°C				
Features							
Display count	2000	2000	2000	2000	4000	4000	4000
Diode/continuity	●	●	●	●	●	●	●
Low battery indication	●	●	●	●	●	●	●
Data hold	●	●	●	●	●	●	●
Auto power off	●	●	●	●	●	●	●
LCD backlight	●	●	●	●			
Duty cycle					●	●	●
Relative mode	●				●	●	●
NCV				●			
Auto range	●				●	●	●
Safety Features							
Drop test	1m	1m	1m	1m	1m	1m	1m
Safety rating	CAT II 250V (UT131 series only)/CAT II 600V (UT33+ series only)				CAT II 600V		
Certificates	CE/UKCA/cETLus (UT131 series only)				CE/UKCA/cETLus		CE/UKCA

UT33+/UT131 SERIES

Palm Size Digital Multimeters

UNI-T®

The new generation UT33+/UT131 series redefines the performance standard for entry-level digital multimeters. Our innovative industrial design ensures that these products can withstand 2 meters drop. The new LCD display layout provides a better user experience. This series ensures that users can work safely in CAT II 600V environment (CAT II 250V for UT131). This series' special features are: 2mF capacitance test (UT33A+/UT131A); battery test (UT33B+/UT131B); temperature measurement function (UT33C+/UT131C); non-contact voltage (NCV) test (UT33D+/UT131D).

UT131 series are CE certified 250V AC/DC models.



UT33A+

Specifications	Range	UT33A+/131A	UT33B+/131B	UT33C+/131C	UT33D+/131D
Certificates (UT131 series only)	CE, UKCA, cETLus				
DC voltage (V)	200mV/2V/20V/200V/600V (250V: UT131 series only)	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)	±(0.5%+2)
AC voltage (V)	200mV/2V/20V/200V/600V (250V: UT131 series only)	±(0.7%+3)	±(1.2%+3)	±(1.2%+3)	±(1.2%+3)
DC current (A)	10A	±(1%+2)			
	200µA/200mA/10A 2000µA/20mA/200mA/10A		±(1%+2)		
AC current (A)	10A	±(1.2%+3)		±(1%+2)	±(1%+2)
Resistance (Ω)	200MΩ	±(0.8%+2)			
	200Ω/2kΩ/20kΩ/200kΩ/20MΩ/200MΩ 200Ω/2kΩ/20kΩ/200kΩ/20MΩ		±(0.8%+2)	±(0.8%+2)	±(0.8%+2)
Capacitance (F)	2mF	±(4%+8)			
Temperature	-40°C~1000°C			±(1%+4)	
	-40°F~1832°F			±(1.5%+5)	
Display count		2000	2000	2000	2000
Range selection		Auto	Manual	Manual	Manual
Battery test			1.5V/9V/12V		
NCV					√
Category ratings	UT131 series: CAT II 250V; UT33+ series: CAT II 600V				

Features

2m drop proof/ test probe holder	Diode test/continuity buzzer
Auto power off/auto backlight off	Clear LCD display
Comfortable protective cover, with test lead storage groove	Loud buzzer sound/Ergonomic design
Unique battery test feature: displays 'good', 'low', and 'bad' statuses when testing 1.5V/9V/12V batteries (UT33B+/UT131B)	

Characteristics

Standard accessories	Batteries, test leads, k-type thermocouple (UT33C+/131C), English manual
Power	1.5V battery (R03) x 2
Display	66 x 51mm
Product size	134 x 77 x 47mm
Product net weight	206g (batteries included)
Standard individual packing	Gift box
Standard quantity per carton	60pcs
Standard carton measurement	640 x 310 x 350mm
Standard carton gross weight	UT33A+/131A: 18.6kg; UT33B+/131B: 19.4kg; UT33C+/131C: 20.2kg; UT33D+/131D: 19.8kg