

UNI-T®

UT139 SERIES

True RMS Digital Multimeters

UT139A / UT139B / UT139C



UL 61010-1
EN 61010-1
EN 61010-2-030
EN 61326-1



■ UT139A



■ UT139B



■ UT139C

SPECIFICATIONS

Specifications	Range	Best Accuracy	MAX MIN	REL	DATA HOLD	BATT CHECK
Model		UT139A	UT139B	UT139C		
DC Voltage(V)	20mV/200mV/2V/20V/200V/600V 40mV/400mV/4V/40V/400V/600V 60mV/600mV/6V/60V/600V	±(0.5%+2)	±(0.5%+2)			
AC Voltage(V)	20mV/200mV/2V/20V/200V/600V 40mV/400mV/4V/40V/400V/600V 60mV/600mV/6V/60V/600V	±(1%+3)	±(0.8%+3)			
DC Current(A)	200μA/2000μA/20mA/200mA/2A/10A 400μA/4000μA/40mA/400mA/4A/10A 600μA/6000μA/60mA/600mA/6A/10A	±(0.7%+2)	±(0.7%+2)			
AC Current(A)	200μA/2000μA/20mA/200mA/2A/10A 400μA/4000μA/40mA/400mA/4A/10A 600μA/6000μA/60mA/600mA/6A/10A	±(1%+3)	±(1%+3)			
Resistance(Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ 400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ 600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(1%+2)	±(0.8%+2)			
Capacitance (F)	9.999nF/99.99nF/999.9nF/9.999μF/ 99.99μF/999.9μF/9.999mF/99.99mF		±(4%+5)	±(4%+5)		
Frequency (Hz)	10Hz~10MHz		±(0.1%+4)	±(0.1%+4)		
Temperature (°C)	-40 °C~1000 °C			±(1%+3)		
Temperature (°F)	-40°F~1832°F			±(1.5%+5)		
Features						
Display Count		2000	4000	6000		
Auto Range		✓	✓	✓		
Manual Range		✓	✓	✓		
True RMS		✓	✓	✓		
Bandwidth (Hz)		45Hz~400Hz	45Hz~1kHz	45Hz~1kHz		
V.F.C		✓	✓	✓		
Duty Cycle	0.1%~99.9%		✓	✓		
Diode		Around 2V	Around 3V	Around 3V		
NCV		✓	✓	✓		
Battery Test	1.5V / 9V	✓	✓	✓		
Auto Power Off	Around 15 Minutes	✓	✓	✓		
Continuity Buzzer		✓	✓	✓		
Low Battery Indication	≤2.5V	✓	✓	✓		
Data Hold		✓	✓	✓		
Relative Mode		✓	✓	✓		
MAX/MIN		✓	✓	✓		
LCD Backlight		✓	✓	✓		
Input Protection	600Vrms	✓	✓	✓		
Input Impedance for DCV	1GΩ Max	✓	✓	✓		

GENERAL CHARACTERISTICS

Power	AA1.5*2
LCD Size	58mm × 36 mm
Product Color	Red and Grey
Product Net Weight	370 g
Product Size	175mm × 81mm × 48.5 mm
Standard Accessories	UT139A/B-Battery, Test Leads UT139C-Battery, Test Leads, Temperature Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	40 PCs
Standard Carton Measurement	645mm × 450mm × 340mm(0.098 CBM Per Standard Carton)
Standard Carton Gross Weight	25.5 Kg
Optional Accessories	UT139C-Current Sensor AC/DC40A