

OSCILLOSCOPE UNI-T UT81B



Product description:

UT81 series handheld digital multimeters have embedded digital control technology design, which combines with digital storage oscilloscopes, digital multimeter etc. Oscilloscope mode test is a complete intelligent measurement system, when testing DC voltage, current, frequency, the test waveform can be easily observed by switching to the oscilloscope. Waveform test bandwidth is 2MHz to provide sufficient bandwidth for various measurements, 20MS/s constant sampling rate with peak sampling can catch industrial signals, such as spikes and lost pulses.

Specifications	Range	Best Accuracy
Multimeter		
Model		UT81B
DC Voltage (V)	400mV/4V/40V/400V/1000V	$\pm(0.8\%+8)$
AC Voltage (V)	4V/40V/400V/750V	$\pm(1\%+15)$
DC Current (A)	400 μ A/4000 μ A/40mA/400mA/4A/10A	$\pm(1\%+8)$

AC Current (A)	400μA/4000μA/40mA/400mA/4A/10A	±(1.5%+8)
Resistance (Ω)	400Ω/4KΩ/40KΩ/400KΩ/4MΩ/40MΩ	±(1%+5)
Capacitance (F)	40nF/400nF/4μF/40μF/100μF	±(3%+8)
Frequency (Hz)	10Hz-10MHz	±(0.1%+3)
Oscilloscope	Range	Best Accuracy
Real-Time Sample Rate	40MS/s	√
Vertical Accuracy		±(5%+1)
Input Sensitivity	20mV/div - 500V/div (1-2-5)	√
Horizontal Accuracy		±(0.1%+1)
Time-Base Range	100ns/div - 5s/div (1-2-5)	√
Features		
Display Count		4000
Auto Range		√
Duty Cycle	0.1 ~ 99.9%	√
Diode		√
Auto Power Off		√
Continuity Buzzer		√
Display	160 x 160 Monochrome	√
Trigger Types	Free Run /Normal /Single Shot	√
Memory	10 setups	√
Contrast and Bright Setup		√



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Low Battery Indication		√
USB Interface		√
LCD Backlight		√
Input Impedance for DCV	≥10MΩ	√
General Characteristics		
Power	1.5V Batteries (5 #) X 4	
LCD Size	60mm X 60 mm	
Product Color	Red and Grey	
Product Net Weight	498g	
Product Size	200mm X 100mm X 48 mm	
Standard Accessories	Test Lead, Battery, Alligator Clip, PC Software CD USB Interface, BNC Probe	
Standard Individual Packing	Gift Box, Carrying Bag, English Manual	
Standard Quantity Per Carton	20pcs	
Standard Carton Measurement	490mm X 385mm X 510mm	
Standard Carton Gross Weight	24kg	
Optional Accessories	Scope Probe, AC Power Adaptor (Charge)	