UNI-T®

UT81 SERIES
Scope Digital Multimeters
UT81B

CE CAT II 1000V CAT III 600V EN:61010-1 EN:61326-1



■UT81B

SPECIFICATIONS

AUTO RANGE DUTY CYCLE USB

DMM Specifications	Range	Best Accuracy
DC Voltage (V)	400mV/4V/40V/400V/1000V	±(0.8%+8)
AC Voltage (V)	4V/40V/400V/750V	±(1%+15)
DC Current (A)	400μA/4000μA/40mA/400mA/4A/10A	±(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)
Scope Specification	**Range**	**Best Accuracy**
Bandwidth	8MHz	√
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-Based Range	100ns/div - 5s/div(1-2-5)	√
Features		
Display Count		3999
Auto Range		√
Duty Cycle	0.1 ~ 99.9%	√
Diode		√
Auto Power Off		√
Continuity Buzzer		√
Display	160 × 160 Monochrome	√
Trigger Types	Free Run/Normal/Single Shot	√
Memory	10 Screens and Setups	√
Contrast and Brightness Setup		√
Low Battery Indication		√
USB Interface		√
LCD Backlight		√
Input Impedance for DCV	Around 10MΩ	√

GENERAL CHARACTERISTICS

Power	1.5V Batteries（R6）× 4
LCD Size	60mm × 60mm
Product Color	Red and Grey
Product Net Weight	498g
Product Size	200mm × 100mm × 48mm
Standard Accessories	Batteries, Test Lead,Alligator Clip,USB Interface Cable,PC Software CD, BNC Probe
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	20 PCs
Standard Carton Measurement	490mm × 385mm × 510mm (0.096 CBM Per Standard Carton)
Standard Carton Gross Weight	24 Kg
Optional Accessories	Scope Probe, AC Power Adaptor