



UT81 SERIES

Scope Digital Multimeters

UT81A/UT81B



UT81A



UT81B

SPECIFICATIONS

Basic Functions	Range	Best Accuracy	
		UT81A	UT81B
DC Voltage	400mV/4V/40V/400V/1000V	±(0.8%+8)	±(0.8%+8)
AC Voltage	4V/40V/400V/750V	±(1%+15)	±(1%+15)
DC Current	400μA/4000μA/40mA/400mA/4A/10A	±(1%+8)	±(1%+8)
AC Current	400μA/4000μA/40mA/400mA/4A/10A	±(1.5%+8)	±(1.5%+8)
Resistance	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+5)	±(1%+5)
Capacitance	40nF/400nF/4μF/40μF/100μF	±(3%+8)	±(3%+8)
Frequency	10Hz ~ 10MHz	±(0.1%+3)	±(0.1%+3)
Vertical Accuracy		±(5%+1)	±(5%+1)
Input Sensitivity	20mV/div-500V/div (1-2-5)	✓	✓
Horizontal Accuracy		±(0.01%+1)	±(0.01%+1)
Timebase Range	100ns/div-5s/div (1-2-5)	✓	✓
Bandwidth		2MHz	8MHz
Display Resolution	160 × 160	✓	✓
Real-Time Sample Rate		20MS/s	40MS/s
Duty Cycle	0.1% ~ 99.9%	✓	✓
Special Functions			
Diode		✓	✓
Continuity Buzzer		✓	✓
Display	160 × 160 Monochrome	✓	✓
Trigger Types	Free Run / Normal / Single Shot	✓	✓
Memory	10 screens and setups	✓	✓
Contrast and Bright Setup		✓	✓
Input Impedance For DC Voltage Measurement	Around 10MΩ	✓	✓
Sleep Mode		✓	✓
Low Battery Display		✓	✓
Display Backlight		✓	✓
USB		✓	✓
DMM Max.Display	3999	✓	✓

GENERAL CHARACTERISTICS

Power	1.5V Battery (R6) × 4
LCD Size	60 × 60mm
Product Colour	Red and Grey
Product Net Weight	498g
Product Size	200 × 100 × 48mm
Standard Accessories	Test Lead, Battery, English Manual, Alligator Clip, USB Interface Cable, Software, Carrying Bag (UT81B only), Power Adaptor (UT81B only)
Optional Accessories*	Scope Probe, BNC Probe, Power Adaptor (UT81A only)
Standard Individual Packing	Gift Box
Standard Quantity Per Carton	20pcs
Standard Carton Measurement	490 × 385 × 510 mm (0.096CBM Per Standard Carton)
Standard Carton Gross Weight	24kg

* Available At Extra Cost