

UNI-T®

UT81 Series Scope Digital Multimeters



● UT81C

UT81 series handheld digital oscilloscope multimeters combine oscilloscope and digital multimeter in one. Oscilloscope measurement mode includes signal input, data processing, auto measure, waveform storage, and transfer. Multimeter mode features AC/DC voltage and current, resistance, diode, continuity, frequency, duty ratio, and capacitance.



SPECIFICATIONS

	Range	UT81B	UT81C
DMM Specifications			
DC voltage (V)	1000V	±(0.8%+8)	±(0.8%+8)
AC voltage (V)	750V	±(1%+15)	±(1%+15)
DC current (A)	10A	±(1%+8)	±(1%+8)
AC current (A)	10A	±(1.5%+8)	±(1.5%+8)
Resistance (Ω)	40MΩ	±(1%+5)	±(1%+5)
Capacitance (F)	100μF	±(3%+8)	±(3%+8)
Frequency (Hz)	10Hz-10MHz	±(0.1%+3)	±(0.1%+3)
Scope Specifications			
Bandwidth		8MHz	16MHz
Sampling rate		40MS/s	80MS/s
Vertical accuracy		±(5%+1)	±(5%+1)
Vertical sensitivity	20mV/div-500V/div (1-2-5)	√	√
Time-base accuracy		±(0.01%+1)	±(0.01%+1)
Time-base range		UT81B: 100ns/div -5s/div (1-2-5) UT81C: 50ns/div -5s/div(1-2-5)	
Features			
Display count		4000	4000
Auto range		√	√
Duty cycle	0.1-99.9%	√	√
Diode		√	√
Auto power off		√	√
Continuity buzzer		√	√
Display	160 x 160 monochrome	√	√
Trigger types	Auto 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 battery (R6) x 4
Display	60mm x 60mm
Product color	Red and grey
Product net weight	498g
Product size	200mm x 100mm x 48mm
Standard accessories	Batteries, test lead, alligator clip, USB interface cable, PC software CD
Standard individual packing	Gift box, English manual
Standard quantity per carton	12pcs
Standard carton measurement	485mm x 450mm x 260mm (0.057CBM per standard carton)
Standard carton gross weight	UT81B: 23kg; UT81C: 16.4kg
Optional accessories	Scope probe, AC power adaptor

DIGINDT.IR
FGJ-NDT.IR

+982165565901

+982144584619

+989034119385

Tehran, Tehransar