

# UTD1000L Series

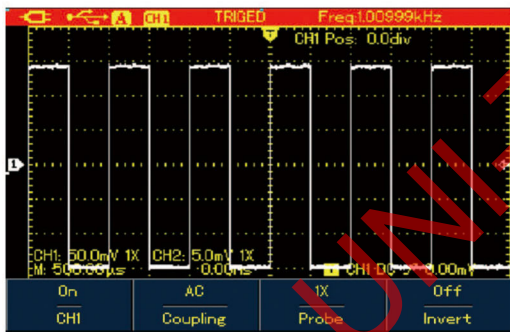
## Handheld Digital Storage Oscilloscopes



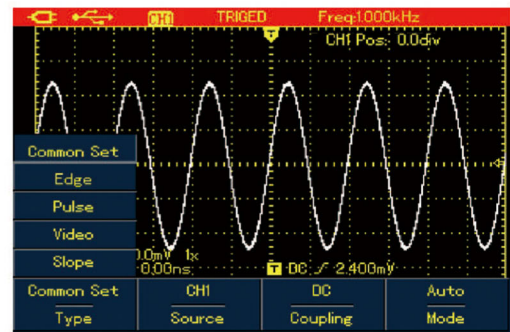
● UTD1050DL

The UTD1000L Series is an economical hand-held digital storage oscilloscope, which integrates oscilloscope, multi-meter, trend chart and waveform recording function. The compact and portable design brings different visual and operational experience to users. This series can be powered by external power supply or built-in lithium batteries. It is a popular portable measuring instrument tailored for engineers.

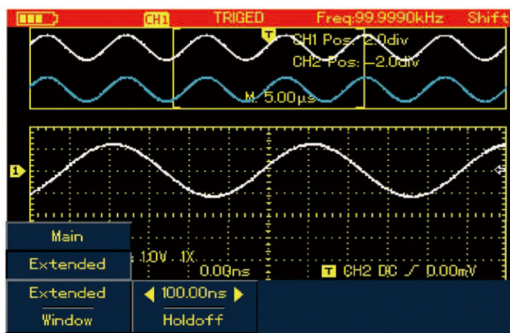
- 200MSa/s, 250MSa/s real-time sampling rate; 1/2 analog channels
- Bandwidth: 25MHz, 50MHz
- Combine oscilloscope, multimeter and recorder functions in one, 3999 display count
- 8 hours of continuous battery operation for UTD1000CL and 6 hours for UTD1000DL
- 22 types of auto measurements
- Unique waveform record, storage and replay functions
- High-resolution and high-contrast color LCD
- Simple printscreen function



- Full autoset



- Typical and practical trigger function



- Display under window zoom



- 3999 display count multimeter function

Technical Specifications	UTD1025CL	UTD1050CL	UTD1025DL	UTD1050DL
Bandwidth	25MHz	50MHz	25MHz	50MHz
Channels	1		2	
Sampling rate	200MSa/s		250MSa/s	
Rise time	≤14ns	≤7ns	≤14ns	≤7ns
Memory depth	12kpts			
Vertical scale (V/div)	5mV/div~20V/div			
Time base scale (s/div)	10ns/div~50s/div	5ns/div~50s/div	10ns/div~50s/div	5ns/div~50s/div
Storage methods	Setup, waveform, bitmap			
Trigger types	Edge, pulse width, video, slope			
Standard interface	Mini USB			
Multimeter Specifications	Range			Accuracy
DC voltage (V)	400mV/ 4V/ 40V/ 400V			±(1%+5)
AC voltage (V)	400mV/ 4V/ 40V/ 400V			±(1.2%+5)
DC current (A)	400μA/ 4000μA			±(1.2%+5)
	40mA/ 4000mA			±(1%+5)
	4A			±(1.5%+5)
AC current (A)	400μA/ 4000μA			±(2%+5)
	40mA/ 4000mA			±(1.5%+5)
	4A			±(2.5%+5)
Resistance (Ω)	400Ω/4kΩ/40kΩ/400kΩ/4MΩ			±(1.2%+5)
	40MΩ			±(1.5%+5)
Capacitance (F)	51.2nF/512nF/5.12μF/51.2μF/100μF			±(3%+5)
Display count	3999			
Power	Li-ion battery: 7.4V 3600mAh; DC adapter: 100V~240V, 50/60Hz input, 9V/4A output			
Display	3.5 inches TFT LCD, 320x240			
Product net weight	0.9kg			
Product size (W×H×D)	199mm x 118 mm x 49mm			
Standard quantity per carton	2pcs			
Standard carton size	305mm x 190mm x 330mm			
Standard carton gross weight	3.3kg		4.6kg	

#### Ordering Information

UTD1000DL Series	UTD1050DL: 50MHz, 12Kpts, 250MSa/s, 2-Channel
	UTD1025DL: 25MHz, 12Kpts, 250MSa/s, 2-Channel
UTD1000CL Series	UTD1050CL: 50MHz, 12Kpts, 200MSa/s, 1-Channel
	UTD1025CL: 25MHz, 12Kpts, 200MSa/s, 1-Channel
Standard Accessories	Power cord conforming to the standard of the destination country
	UT-H01 x1: Passive probe (1 x, 10 x switchable, 25MHz) (for UTD1025CL)
	UT-H01 x2: Passive probe (1 x, 10 x switchable, 25MHz) (for UTD1025DL)
	UT-H03 x1: Passive probe (1 x, 10 x switchable, 60MHz) (for UTD1050CL)
	UT-H03 x2: Passive probe (1 x, 10 x switchable, 60MHz) (for UTD1050DL)
	UT-M10: 1 Voltage/current converter: 40mA, 400mA (1000DL)
	UT-M04: 1 Voltage/current converter: 4A/6A (1000DL)
	UT-M07: current diverter: 10A (1000CL)
	UT-D17: USB Host to Mini USB data cable
	Power adapter : 1pc
	Multimeter Test Lead: 1 pair (one red, one black)
	Portable bag