

UTD1000C Series Handheld Digital Oscilloscope

Introduction

UTD1000 oscilloscope provides user-friendliness, excellent technical indicators and many advanced functions. They are the perfect tools for combining oscilloscopes and multimeters to quickly and efficiently complete test tasks.

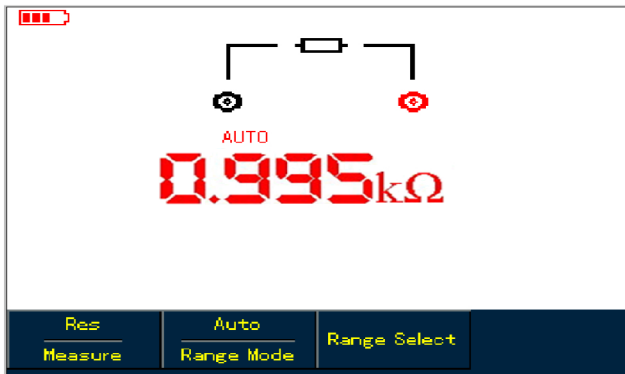
Features

- 500Msa/s, 1Gsa/S Real-time sampling rate ;2 analog channels
- Bandwidth: 60100/200MHz
- Multimeter function 5999 display count
- Fine window extension; precise analysis of waveform details and overview
- Automatic measurement of 27 waveform parameters
- Unique waveform recording, storage and replay function
- Multilingual menu displays
- HD color 5.7 inch LCD panel at 320 x 240 pixel aspect ratio



● UTD1000C

Application features



5999 display count Multimeter function



Recorded waveform replay

Technical Specifications

| Model | UTD1062C | UTD1102C | UTD1202C |
|----------------------|--|----------|-----------------|
| Bandwidth | 60MHz | 100MHz | 200MHz |
| Channels | 2 | | |
| Sampling rate | 250MS/s | 500MS/s | 1GS/s |
| Rise time | ≤5.8ns | ≤3.5ns | ≤1.8ns |
| Memory depth | 7.5kpts | | |
| Vertical sensitivity | 5mV/div~50V/div | | |
| Time base scale | 5ns/div-50s/div | | 2ns/div-50s/div |
| Storage modes | Setup, waveform, bitmap | | |
| Trigger modes | Edge, pulse width, video and alternative | | |
| Interfaces | USB host, USB OTG (UTD1202C Optional) | | |

Multimeter Specifications

| | Range | accuracy |
|----------------------------|-------------------------|---|
| DC voltage (V) | 600mV/6V/60V/600V/1000V | ±(1%+5) |
| AC voltage (V)(45Hz~400Hz) | 600mV/6V/60V/600V/700V | ±(1.2%+5), Frequency: < 200Hz ±(1.5%+5), Frequency: ≥ 200Hz |
| DC current (A) | 6mA/60mA/600mA 6A | ±(1.2%+5) ±(1.5%+5) |
| AC current (A)(45Hz~400Hz) | 6mA/60mA/600mA 6A | ±(2%+5) ±(2.5%+5) |

| | | |
|------------------------------|--|-----------|
| Resistance (Ω) | 6kΩ/60kΩ/600kΩ | ±(1.2%+5) |
| | 600Ω/6MΩ/60MΩ | ±(1.5%+5) |
| Capacitance (F) | 6nF/6mF | ±(5%+10) |
| | 60nF/600nF/6μF/60μF/600μF | ±(4%+5) |
| Display count | 6000 | |
| Auto range | √ | |
| General Characteristics | | |
| Power | Li-ion battery: 7.4V 4400mAh; DC adapter: 100~240V 50/60Hz input, 9V/4A output | |
| Display | 5.7 inches TFT LCD, QVGA (320x240) | |
| Product color | 1.8kg | |
| Product size | 268mm x 168 mm x 60mm | |
| Standard quantity per carton | 4pcs | |
| Standard carton measurement | 500mm x 400mm x 320mm | |
| Standard carton gross weight | 16.7kg | |
| Ordering Information | | |
| UTD1000C Series | UTD1202C(200MHz, 7.5Kpts, 1GS/s, 2-Channel) | UTD1202C |
| | UTD1102C(100MHz, 7.5Kpts, 500MS/s, 2-Channel) | UTD1102C |
| | UTD1062C(60MHz, 7.5Kpts, 250MS/s, 2-Channel) | UTD1062C |
| Standard Accessories | Power cord | — |
| | Passive Probe x 2 (1 x, 10 x switchable, 100MHz,) | UT-H04 |
| | Passive Probe x 2 (1 x, 10 x switchable, 200MHz,) | UT-H05 |
| | 1 Voltage/current converter: Range: 4mA-600mA, | UT-M03 |
| | 1 Voltage/current converter: Range: 4A/6A, | UT-M04 |
| | 1 DC adapter | — |
| | 1 Multimeter probes Test lead | — |

Para mayor información puede consultar el manual de usuario dando clic en el siguiente enlace:
<http://unitrend.oss-cn-hongkong.aliyuncs.com/upload/file/20210530/UTD1000C%20Users%20Manual%20V1.01.pdf>