

UT2000 SERIES

25M /40M /60M /80M/100MHz DIGITAL STORAGE OSCILLOSCOPES

- 2 vertical channels with independent ADC
- High resolution color or B/W LCD display
- Main/delay dual time-base sweep, time zoom
- Auto measurement of 28 parameters & dual cursor V, T, 1/ T on-screen readout
- 10 groups of waveform and setting storage
- Edge, video, pulse, alternate triggers
- Waveform maths, built-in FFT analysis, etc.
- Waveform record and recall
- Supports USB device & USB interface to computer
- Optional LAN interface
- Multi-language screen menu operation



REF: 12U2000X0000

✓ CE (EMC), UL, CE (LVD)

Technical Specifications

Bandwidth: 25M /40M /60M /80M /100MHz, -3dB
Real sampling rate: 500M Sa/s (250M Sa/s for UT2025)
Equivalent sampling rate: 25G Sa/s
Single bandwidth: 25M /40M /60M /80M /80MHz
Channel: CH1, CH2, independent ADC
Memory depth: 1M samples
Vertical sensitivity: 2mV/div ~ 5V/div
Vertical resolution: 8 bit
Rise time: 14ns /8.7ns /5.8ns /4.5ns /3.5ns
Input impedance: 1M \pm 2%, 24 \pm 3pF
Probe attenuation: 1x, 10x, 100x, 1000x
Time base: dual, 10ns /10ns /5ns /5ns /5ns~50s/div
Trig source: CH1, CH2, Ext, Ext/5, Main AC
Trig mode: Edge, Pulse width, Video, Alternate
Cursor measurement mode: manual, track, auto
Cursor measurement: V, T, 1/ T
Auto measurement: Vpp, Vamp, Vmax, Vmin, Vtop, Vbase, Vavg, Vrms, Overshoot, Preshoot, Freq, Period, Risetime, Falltime, +Width, -Width, +Duty, -Duty, Delay, etc.

Waveform math: +, -, x, /, phase reverse, FFT
FFT: 1024 p (Hanning, Hamming, Blackman, Rectangle)
Storage: 10 waveforms, 10 settings
X-Y mode: DC~full bandwidth, phase error 3°
Calibration signal: 1kHz square, 3.0Vpp
Interface: RS232, USB Device (all models) and USB Host (except UT2025)

Optional interface: LAN

Display: 5.7 inch 320x240 color or B/W LCD with backlight
Power supply: AC100~240V \pm 10%, 45~440Hz, 30VA
Dimensions: 320(W) x150(H) x130(D)mm
Weight: 2.5/4.0kgs (net & with packing)
Accessories: probes, power cord