

Auto measure speed increased

Improved UI, more user friendly

Optimized software, reduced operation wait time

Fixed upper limit bandwidth distortion in multi-channel mode

GENERAL SPECIFICATIONS

Power : 100V-240VAC, 45Hz-440Hz

Display : 8 inches TFT color LCD Display with WVGA (800 x 480) resolution

Product Color : White and Grey

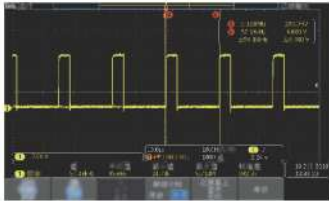
Product Net Weight : 3.5kg

Product Size : 336mm x164mm x108mm

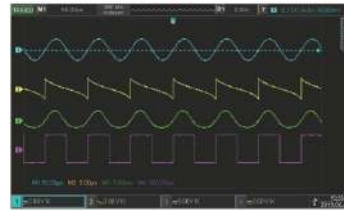
Standard Accessories : Probe x2/4 (1x, 10x switchable), Power cord, USB cable

FEATURES

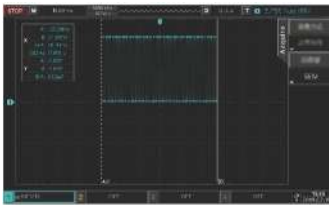
- Sample rate up to 1GS/s
- Channels 4
- Bandwidth 70MHz, 100MHz
- Memory Depth 56Mpts (single channel)
- Waveform Capture Rate up to 80,000 wfms/s
- 256 multi-level intensity grading display
- Up to 65,000 frames for waveform record, replay
- Increased trigger types: Edge, pulse width, runt, window, N-edge, delay, timeout, duration, setup/hold, slope, video, code
- Support serial bus trigger and decoding (RS-232, I2C, SPI included)
- 8 inches, TFT LCD, WVGA (800 x 480)
- Interface: USB Host, USB Device, LAN, AUX (Trig Out, Pass/Fail)



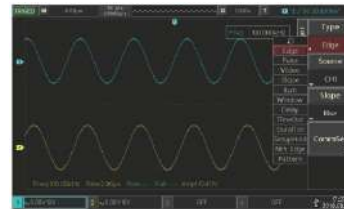
Increased waveform capture rate greatly improves the ability to capture low probability events, signal jitters and glitches are easier to be seen.



Independent time base signals allows users to simultaneously observe up to four different frequency signals clearly.







High memory depth allows users to capture longer period signals without losing waveform details



Greatly increased number of triggering types

SPECIFICATIONS

| | DSO-5074E | DSO-5104E |
|------------------------|---|-----------|
| Bandwidth | 70MHz | 100MHz |
| Channels | 4 | 4 |
| Sample Rate | 1GS/s | |
| Max. Memory Depth | 56Mpts (single channel) | |
| Waveform Capture Rate | 80,000 wfms/s | |
| Time Base Scale | 5ns/div-50s/div | |
| Input Coupling | (1MΩ±2%) (20pF±3pF) | |
| Vertical Scale | 1mV/div-20V/div (1MΩ) | |
| DC Gain Accuracy | ±3% | |
| Waveform Record | 65,000 Frames | |
| Trigger | Edge, Pulse width, Runt, Window, N-edge, Delay, Timeout, Duration, Setup/hold, Slope, Video, Code | |
| Bus Decode | RS-232/UART, I2C, SPI | |
| Waveform Operation | A+B, A-B, AxB, NB, FFT, Logic operation, Editable advanced | |
| Auto Measurement | Peak-Peak, Amplitude, Maximum, Minimum, Top, Bottom, Mean, Middle, Cycle Mean, RMS, Cycle RMS, Area, Cycle Area, Overshoot, Preshoot, Frequency, Cycle, Rise Time, Fall Time, Positive Pulse, Negative Pulse, Positive Duty Ratio, Negative Duty Ratio, Delay A- >B  , Delay A- > B  , Delay B- > A  , Delay B- > A  . | |
| Number of Measurements | Display 5 measurements at the same time | |
| Measurement Statistic | Average, Max, Min, Standard Deviation, Number of Measurements | |
| Frequency Counter | Hardware 6 bits counter (Channels are selectable) | |
| Standard Interface | USB-Host, USB-Device, LAN, AUX (Trig Out, Pass/Fail) | |
| Optional Interface | 25MHz Function/Arbitrary Waveform Generator | |