

your powerful n-in-1 on-site measurement station

| Model | XDS3062A | XDS3102A | XDS3102AP* | XDS3202A* | XDS3102 | XDS3202E | XDS3202* | XDS3302* |
|---------------------------|--|----------|---------------------|-----------|---------------------|----------|---------------------|----------|
| Bandwidth | 60MHz | 100MHz | 100MHz | 200MHz | 100MHz | 200MHz | | 300MHz |
| Channel | 2+1 (external) | | | | | | | |
| Sample Rate | 1GS/s | | | | 1GS/s | 2GS/s | 2.5GS/s | |
| Vertical Resolution (A/D) | 12 bits | | 14 bits | | 8 bits | | | |
| Record Length | 40M | | | | | | | |
| Waveform Refresh Rate | 75,000 wfms/s | | | | | | | |
| Horizontal Scale | 2ns/div - 1000s/div | | 1ns/div - 1000s/div | | 2ns/div - 1000s/div | | 1ns/div - 1000s/div | |
| | step by 1 - 2 - 5 | | | | | | | |
| Input Impedance | 1MΩ ± 2 %, in parallel with 15pF ± 5pF; (*50Ω ± 2%) | | | | | | | |
| Vertical Sensitivity | 1mV/div - 10V/div (at input) | | | | | | | |
| DC Gain Accuracy | ±1.5% | | | | ±3% | | | |
| Sample Rate/Relay Time | ±1ppm(type,Ta=+25°C) | | | | | | | |
| Trigger Type | Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I ² C, SPI, and RS232/UART | | | | | | | |
| Trigger Type (optional) | CAN | | | | | | | |
| Bus Decoding (optional) | I ² C, SPI, RS232/UART, and CAN | | | | | | | |
| Waveform Math | +, -, x, ÷, FFT, FFT rms, Intg, Diff, Sqrt, User Defined Function, digital filter (low pass, high pass, band pass,bandreject) | | | | | | | |
| Automatic Measurement | Vpp, Vavg, Vrms, Freq, Period, Week RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Phase, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty, Duty Cycle, Delay A→B, Delay A→B, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edge Count | | | | | | | |
| Communication Interface | USB, Pass/Fail, LAN, VGA(optional) | | | | | | | |
| Frequency Counter | √ | | | | | | | |
| Power Supply | 100V-240VAC, 50/60Hz, CATII< 15W | | | | | | | |
| Fuse | 2A, Tclass, 250V | | | | | | | |
| Dimension (WxHxD) | 340x177x90(mm) | | | | | | | |
| Device Weight | 2.6kg | | | | | | | |

+ Optional Module / Function

| | | | |
|-----|-------------------------------|------------------|------------------|
| VGA | VGA + AV port | RS232/UART | RS232/UART |
| WIF | Wi-fi | SPI | SPI |
| AWG | arbitrary waveform generator | I ² C | I ² C |
| DMM | digital multimeter | CAN | CAN decoding |
| TOU | touch screen (capacitor-type) | | |
| BAT | Battery(3.7V 13200mAh) | | |

Arb Waveform Generator (optional) Specifications

| | |
|----------------------|--|
| Max Frequency Output | 25MHz |
| Sample Rate | 125MS/s |
| Channel | 1 channel (apply to XDS3104(A), XDS3204E(AE)) 2 channels (only for XDS3000 series 2 channels model) |
| Vertical Resolution | 14 bits |
| Amplitude Range | 2mVpp - 6Vpp |
| Waveform Length | 8K |
| Standard Waveform | Sine, Square, Pulse, Ramp |
| Arbitrary Waveform | Exponential Rise, Exponential Fall, Sin(x)/x, Step Wave, Noise, and others, total 46 built-in waveforms, and user-defined arbitrary waveform |

| Model | XDS3064E | XDS3104E | XDS3064AE | XDS3104AE | XDS3104A | XDS3104 | XDS3204AE | XDS3204E |
|---------------------------|--|----------|-----------|-----------|--|---------|-----------|----------|
| Bandwidth | 60MHz | 100MHz | 60MHz | 100MHz | | | 200MHz | |
| Channel | 4 | | | | | | | |
| Sample Rate | 1GS/s | | | | | | | |
| Vertical Resolution (A/D) | 8 bits | | 14 bits | | | 8bits | 14 bits | 8bits |
| Record length | 40M | | | | | | | |
| Waveform Refresh Rate | 45,000 wfms/s | | | | 70,000wfms/s | | | |
| Horizontal Scale (s/div)) | 2ns/div - 1000s/div, step by 1 - 2 - 5 | | | | 1ns/div - 1000s/div, step by 1 - 2 - 5 | | | |
| Input Impedance | 1MΩ ± 2%, in parallel with 15pF ± 5pF | | | | | | | |
| Vertical Sensitivity | 1mV/div - 10V/div (at input) | | | | | | | |
| DC Gain Accuracy | ±3% | | | | | | | |
| Sample Rate / Relay Time | ±2.5ppm (type, Ta= +25°C) | | | | | | | |
| Trigger Type | Edge, Video, Pulse, Slope, Runt, Windows, Timeout, Nth Edge, Logic, I ² C, SPI, and RS232/UART | | | | | | | |
| Trigger Type (optional) | CAN | | | | | | | |
| Bus Decoding(optional) | I ² C, SPI, RS232/UART, CAN | | | | | | | |
| Waveform Math | +, -, *, / ,FFT, FFTrms, Intg, Diff, Sqrt, User Defined Function, digital filter (low pass, high pass, band pass, band reject) | | | | | | | |
| Automatic Measurement | Vpp, Vavg, Vrms, Freq, Period, Week RMS, Cursor RMS, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Phase, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty, Duty Cycle, Delay A→B, Delay A→B, Delay A→B, Phase A→B, Phase A→B, +Pulse Count, -Pulse Count, Rise Edge Count, Fall Edges Count, Area, Cycle Area | | | | | | | |
| Communication Interface | USB host, USB device, Trig Out (P/F), LAN, and VGA (optional) | | | | | | | |
| Frequency Counter | √ | | | | | | | |
| Power Supply | 100V - 240V AC, 50/60Hz, CAT II | | | | | | | |
| Fuse | 2A, T class, 250V | | | | | | | |
| Battery (optional) | 3.7V, 13200mA | | | | | | | |
| Dimension (W x H x D) | 340mmx177mmx90mm | | | | | | | |
| Device Weight | 2.8kg | | | | | | | |

Multimeter (optional) Specifications

| | | | |
|--------------------|---|-----------------|-------------------|
| Full Scale Reading | 3¾ digits (max 4000 count) | Diode | 0V -1.5V |
| Input Impedance | 10MΩ | Continuity Test | <50 (±30) beeping |
| Capacitance | 51.2nF - 100uF: ±(3% ± 3 digits) | | |
| Voltage | DCV: 400mV, 4V, 400V: ±(1 ± 1 digit); max input: DC 1000V ACV: 4V, 40V, 400V: ±(1 ± 3 digits); frequency: 40Hz - 400Hz; max input: AC 750V (virtual value) | | |
| Current | DCA: 40mA, 400mA: ±(1.5% ± 1 digit); 10A: ±(3% ± 3 digits) ACA: 40mA: ±(1.5% ± 3 digits), 400mA: ±(2% ± 1 digit), 10A: ±(3% ± 3 digits) | | |
| Impedance | 400Ω: ±(1% ± 3 digits), 4KΩ - 40MΩ: ±(1% ± 1 digit) | | |

+ Accessories

The accessories subject to final delivery.



optional accessories:



mobile app accessible via scanning QR code