

**MSO 7062TD** Mixed LA - Oscilloscope



- ✓ 2 in 1 (DSO + LA)
- ✓ 8 inch LCD color display
- ✓ Support USB for data transmission to PC
- ✓ USB data transmission supported
- ✓ 20 group automatic measurement options

**Digital Storage Oscilloscope**

- ✓ Bandwidth : 60MHz
- ✓ Sample rate : 1GS/s
- ✓ Auto-scale function
- ✓ FFT

**Logic Analyzer**

- ✓ Bandwidth : 100MHz
- ✓ Sample rate : max 1GS/s
- ✓ 16 input channels

**[ Digital Storage Oscilloscope ] Performance Specifications**

| Model                     | MSO7062TD                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bandwidth                 | 60MHz                                                                                                                                                            |
| Sample Rate (real time)   | 1GS/s                                                                                                                                                            |
| Rise Time                 | ≤5.8ns                                                                                                                                                           |
| Display                   | 8.0" color LCD , TFT screen, 640 × 480 pixels                                                                                                                    |
| Channel                   | dual + external trigger                                                                                                                                          |
| Horizontal Scale (s/div)  | 2ns/div ~ 100s/div, step by 1 ~ 2 ~ 5                                                                                                                            |
| DC Accuracy (average)     | average>16 : ±(3% reading + 0.05div) for ΔV                                                                                                                      |
| Vertical Sensitivity      | 2mV/div - 10V/div                                                                                                                                                |
| DC Gain Accuracy          | ±3%                                                                                                                                                              |
| Vertical Resolution (A/D) | 8 bits (2 channels simultaneously)                                                                                                                               |
| Interpolation             | sin (x) / x                                                                                                                                                      |
| Max Input Voltage         | 400V (DC + AC, PK - PK )                                                                                                                                         |
| Probe Attenuation Factor  | 1X , 10X , 100X , 1000X                                                                                                                                          |
| Trigger Mode              | Edge, Video, Alternate, Pulse, Slope                                                                                                                             |
| Acquisition Mode          | Normal, Peak Detect, and Average                                                                                                                                 |
| Record Length             | max 2M points                                                                                                                                                    |
| Waveform Storage          | 4 waveforms                                                                                                                                                      |
| Automatic Measurement     | Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty, Delay A→B, Delay A→B |
| Waveform Math             | +, -, ×, ÷, invert, FFT                                                                                                                                          |
| Power Supply              | 100 - 240V AC, 50Hz / 60Hz, CATII                                                                                                                                |

| Model                    |                  | MSO7062TD                |
|--------------------------|------------------|--------------------------|
| Lissajous Figure         | Bandwidth        | 60MHz                    |
|                          | Phase Difference | ±3 degrees               |
| Communication Interface  |                  | USB host, and USB device |
| Fuse                     |                  | 1A, T class, 250V        |
| Dimensions (W × H × D)   |                  | 370 × 180 × 120 (mm)     |
| Weight (without package) |                  | 2.20 kg                  |

**[ Logic Analyzer ] Performance Specifications**

| Model                    | MSO7062TD                                                       |
|--------------------------|-----------------------------------------------------------------|
| Sample Rate (real time)  | 20S/s - 2GS/s                                                   |
| Bandwidth                | 100MHz                                                          |
| Channel                  | 16                                                              |
| Record Length            | max 4M each channel                                             |
| Input Impedance          | 660KΩ ± 5%, in parallel with 15 ± 5pF                           |
| Trigger Mode             | Edge, Bus, State, Data Alignment, Data Width, Distributed Queue |
| Trigger Position Setting | Pre-trigger, Mid-trigger, and Re-trigger                        |
| Threshold Voltage        | ±6V (4 settings)                                                |
| Input Signal Range       | ±30V                                                            |
| Data Search              | available                                                       |
| Data System              | binary, decimal, hex                                            |
| Digital Filter           | 0, 1, 2 optional                                                |
| Setting Storage          | 10 settings                                                     |
| USB Flash Disk Storage   | available                                                       |

Specifications subject to change without prior notice.

**+ Application**

design and debug education & training      circuit function test mixed signal circuit test      identified signals logic information

**+ Accessories**

The accessories subject to final delivery.



Power Cord



CD Rom



Manual



USB



Probe



Probe Adjust



Logic Analyzer Module



Battery (optional)



Soft Bag (optional)