DSO 100 MHz Sampling Rate 1GS/s (Color LCD Display)

Product Categories: Digital Storage Oscilloscope, Digital Storage Oscilloscope, Electronics, Engineering Equipment

Product Page:

https://www.labappara.com/product/dso-100-mhz-sampling-rate-1gs-s-color-lcd-display/

Product Description

DSO 100 MHz Sampling Rate 1GS/s (Color LCD Display)

Features:

•100MHz bandwidth

•1GSa/s Real time sample rate

•Large (7.0-inch) olor display, WVGA(800x480)

•Record length up to 1M

•Trigger mode: edge/pulse width/line selectable video/slop/overtime etc.

•USB host and device connectivity, standard

•Multiple automatic measurements

•Four math functions, including FFTs standard

Specifications:

••Bandwidth:100MHz

•Channel:2

- Real-Time Sample Rate:1GSa/s
- Equivalent Sample Rate:25GSa/s
- Memory Depth:1M
- Rise Time:3.5ns
- Time Base Accuracy:±50ppm
- Time Base Range:2ns/div-40s/div
- Input Impendance:1MΩ
- VOLTS/DIV Range:2mV/div～5V/div
- A/D Converter:8 bit
- Position Range:±50V(5V/div),±40V(2V/div～500mV/div), ±2V(200mV/div～50mV/div), ±400mV(20mV/div～2mV/div)
- DC Gain Accuracy: ±3% for Normal or Average acquisition mode, 5V/div to 10mV/div; ±4% for Normal or Average acquisition mode, 5mV/div to 2mV/div
- Bandwidth Limit:20MHz
- Trigger Types:Edge, Video, Pulse, Slope, Over time, Alternative
- Trigger Source:CH1, CH2, EXT, EXT/5, AC Line
- Math:+,-,x,÷,FFT
- Cursor Measurement: Voltage difference between cursors: △V; Time difference between cursors: △T; Reciprocal of △T in Hertz (1/ΔT)
- Auto Measuerment:Frequency, Period, Mean, Pk-Pk, Cycli RMS, Minimum, Maximum, Rise time, Fall Time, +Pulse Width, -Pulse Width, Delay1-2Rise, Delay1-2Fall, +Duty, -Duty, Vbase,Vtop, Vmid,Vamp,Overshoot, Preshoot, Preiod Mean,Preiod RMS,FOVShoot, RPREShoot, BWIDTH, FRF •Display:7"TFT 16K Color LCD,800*480 dots