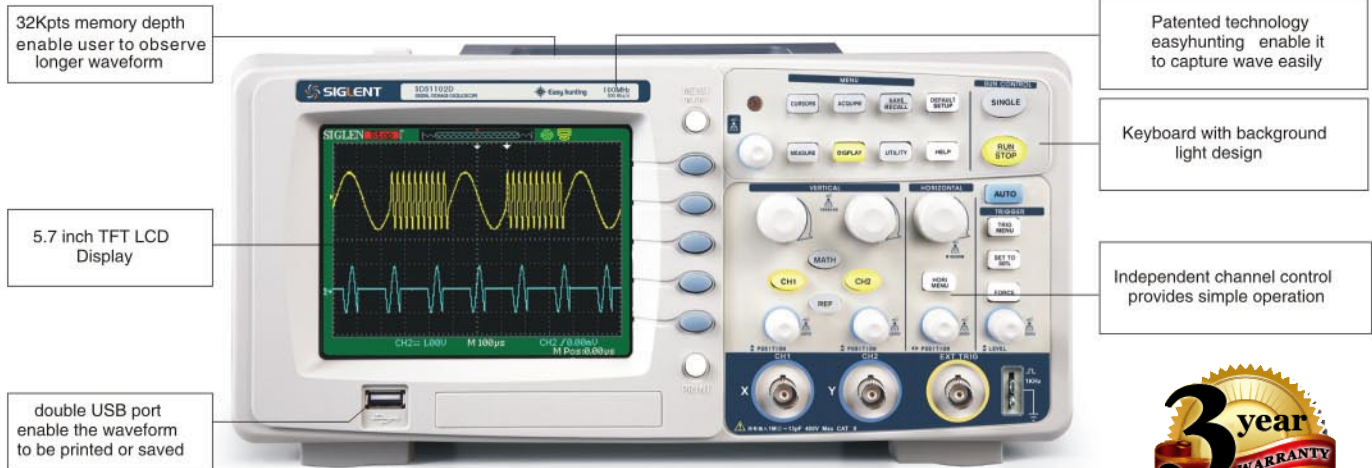# Portable Digital Storage Oscilloscope SDS1000D Series

- Deeper memory depth, better noise control
- Higher cost−effectiveness, more powerful function

32Kpts memory depth enable user to observe longer waveform

Patented technology easyhunting   enable it to capture wave easily

5.7 inch TFT LCD Display

Keyboard with background light design

double USB port enable the waveform to be printed or saved

Independent channel control provides simple operation

Size: 305mm × 133mm × 154mm   Weight:2.3kg

3 year WARRANTY

◆ Application

- Electronic circuit design and debugging
- Electrical circuit function test
- Inspect instantaneous signal
- Industrial control measuring
- Maintenance
- Education and training

◆ Features and benefits

- The highest bandwidth is 100MHz, real time sampling rate is 500MSa/s,
  Equivalent sampling rate is 50GSa/s
- 32 Kpts memory depth, data recorder function
- 5 trigger functions: edge, pulse, video, slope, alternative
- 3 types of cursor mode, 32 types of auto−measurement
- 12 languages, online help
- Interface configuration: USB Host, support USB Flash driver and firmware upgrading; USB Device,
  Support PC remote control and PictBridge printing; RS−232; Pass/Fail interface

◆ Specifications

Model	SDS1202D	SDS1102D	SDS1062D	SDS1042D	SDS1022D
Bandwidth	200MHz	100MHz	60MHz	40MHz	25MHz
Channels	Double channel plus one EXT trigger channel				
Real time sampling rate	500M Sa/s(single channel), 250M Sa/s(double channel)				
Equivalent sampling rate	50GSa/s	50GSa/s	50GSa/s	25GSa/s	10GSa/s
Memory depth	32Kpts(single channel), 16Kpts(double channel)				
Rise time	<1.7ns	<3.5ns	<5.8ns	<8.8ns	<14ns
Input impedance	1MΩ‖17pF				
Time base range	2.5ns/div−50s/div	2.5ns/div−50s/div	5ns/div−50s/div	10ns/div−50s/div	25ns/div−50s/div
	Scan: 100ms−50s/div				

จัดจำหน่ายโดย : บริษัท เอฟเวอร์เทค จำกัด
TEL : (02)8702884−5, (02)4289793−5
Email: sales@evertech.co.th
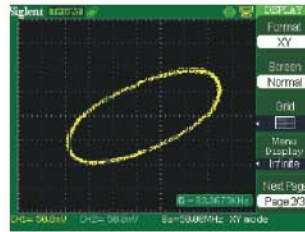www.evertech.co.th

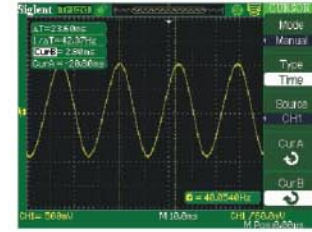|	
Vertical sensitivity	2mv–10v/div(1–2–5 sequence)
Vertical resolution	8bit
Trigger source	CH1, CH2, EXT, EXT/5, AC Line
Trigger types	Edge, pulse, video, slope, alternative
Math operation	+,–, *, /,FFT
Digital filter	High pass, low pass, band pass, band impedance
Max input voltage	± 400V Pk–Pk CAT 1
Internal storage	2 groups of reference waveform, 20 groups of settings, 20 groups of waveform
External storage	Bitmap save, CSV save, waveform save, setting save
Lasting	Turn off, 1s, 2s, 5s, infinite
Language	English, French, German, Russian, Spanish, Simplified Chinese, Traditional Chinese, Portuguese, Japanese, Korean, Italian, Arabic
Interface	USB Host, USB Device, RS–232, Pass/Fail out
Display	5.7 inches color TFT–LCD
Power	AC 100–240V, 45Hz –440Hz , 50VA Max

◆ Powerful function

32 measuring types

Measure 32 parameters automatically, Users can select each one separately. 32 parameters could display at the same time
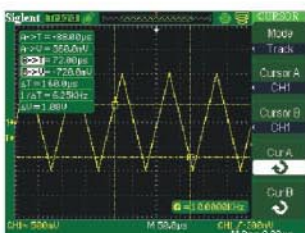
Larger voltage stall

2mv/div–10v/div voltage stall range enable it not only to test weak signal, but also to detect frequency signal without switching probes
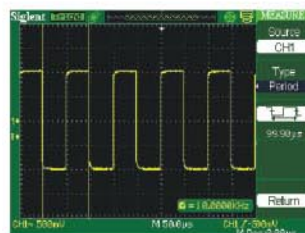
Manual mode

Including: time and voltage measurement. Adjust cursor scale by hand to measure time and voltage.
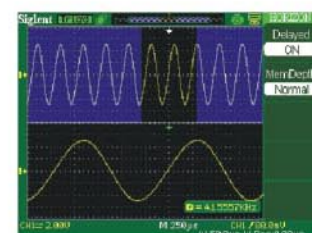
Tracing mode

The cursor trace waveform automatically. Alter the horizontal position of cursor by rotating knob, and then the vertical position will change automatically

Auto–measuring

System will adjust cursor position according to the change of selective auto–measuring parameter and calculate corresponding parameter value.

Delayed scanning

Apply the expansion technique of double–time base EasyZoom window to expand waveform in detail, either display the complete waveform or part of it.

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