

We are a prominent producer and supplier of a broad array of Digital Storage Oscilloscope in the domestic as well as global markets. Old at industry leading rates, these products are widely accepted for its immense performance and durability.

Features:

- 200/100/60mhz bandwidths
- 1gsa/s real time sample rate
- large (7.0-inch) color 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
- Provides software for pc real-time analysis

model

DSO5202b

dso5102b

dso5062b

bandwidth

200mhz

100mhz

60mhz

real-time sample rate: 1gsa/s

equivalent sample rate:25gsa/s

record length(sample points)

single-channel: maximum 1m; dual-channel:maximum 512k (4k,16k,40k optional)

sec/div range

4ns/div-40s/div (in a 2, 4, 8 sequence)

delay time accuracy

500ps

vertical

a/d converter

8-bit resolution, each channel sampled simultaneously

volts/div range

2mv/div 5v/div at input bnc

position range

$\pm 50\text{v}(5\text{v/div}), \pm 40\text{v}(2\text{v/div } 500\text{mv/div}), 2\text{v}(200\text{mv/div } 50\text{mv/div}) \pm 400\text{mv}(20\text{mv/div } 2\text{mv/div})$

bandwidth limit

20mhz

rise time at bnc

$\leq 1.7\text{ns}$

$\leq 3.5\text{ns}$

$\leq 5.8\text{ns}$

dc gain accuracy

$\pm 4\%$ for sample or average acquisition mode, 5mv/div to 2mv/div

$\pm 3\%$ for sample or average acquisition mode, 5v/div to 10mv/div

trigger

trigger sensitivity

(edge trigger type)

dc: ch1/ch2(typical) 1div from dc to 10mhz; 1.5div from 10mhz to full

ext typical 200mv from dc to 40mhz

ext/5 typical 1v from dc to 40mhz

ac: attenuates signals below 10hz

hf reject: attenuates signals above 80khz

If reject: attenuates signals below 150khz

noise reject: reduces trigger sensitivity

trigger level range

ch1,ch2: ± 8 divisions from center of screen

ext: $\pm 1.2v$ ext/5: $\pm 6v$

trigger level accuracy,

typical (accuracy is for signals having rise and fall times $\geq 20ns$)

ch1,ch2: $\pm(0.3div \times v/div)$ (within ± 4 divisions from center of screen)

ext: $\pm(6\%$ of setting + 40mv)

ext/5: $\pm(6\%$ of setting + 200mv)

holdoff range

100ns-10s

trigger type

edge

trigger on the rising or falling edge

pulse width

trigger (when $>, <, =, \neq$) on positive or negative pulses

pulse width range: 20ns-10s

video

trigger on an ntsc, pal, or secam standard video signal

line range: 1-525 (ntsc), 1-625 (pal/secam)

slope

trigger (when $>, <, =, \neq$) on a positive or negative slope

set time: 20ns-10s

overtime

from the rising or falling edge

set time: 20-10s

alternate

internal trigger on edge, pulse width, video or slope
measurement

cursors

manual: the difference between voltage cursors Δv ; the difference between time cursors Δt ;
 $1/\Delta t$ calculated by hz.

Tracing: the voltage and time at a waveform point

automatic

pk-pk, max, min, mean, cyc rms, frequency, period, rise time, fall time, positive width,
negative width

display

type

right angle 7" tft 16-digit color lcd

resolution

800*480 dots

contrast

16 gears, with the progress bar to show adjustment

interface

usb host and usb slave

power supply

voltage

100-120vacrms($\pm 10\%$) 45hz to 440hz cat

120-240vacrms($\pm 10\%$) 45hz to 66hz cat

power

<30w

fuse

2a, t rating, 250v

mechanical

size

length: 313mm width: 108mm height: 142mm

weight: 2.08kg (exclusive of packing and accessories)