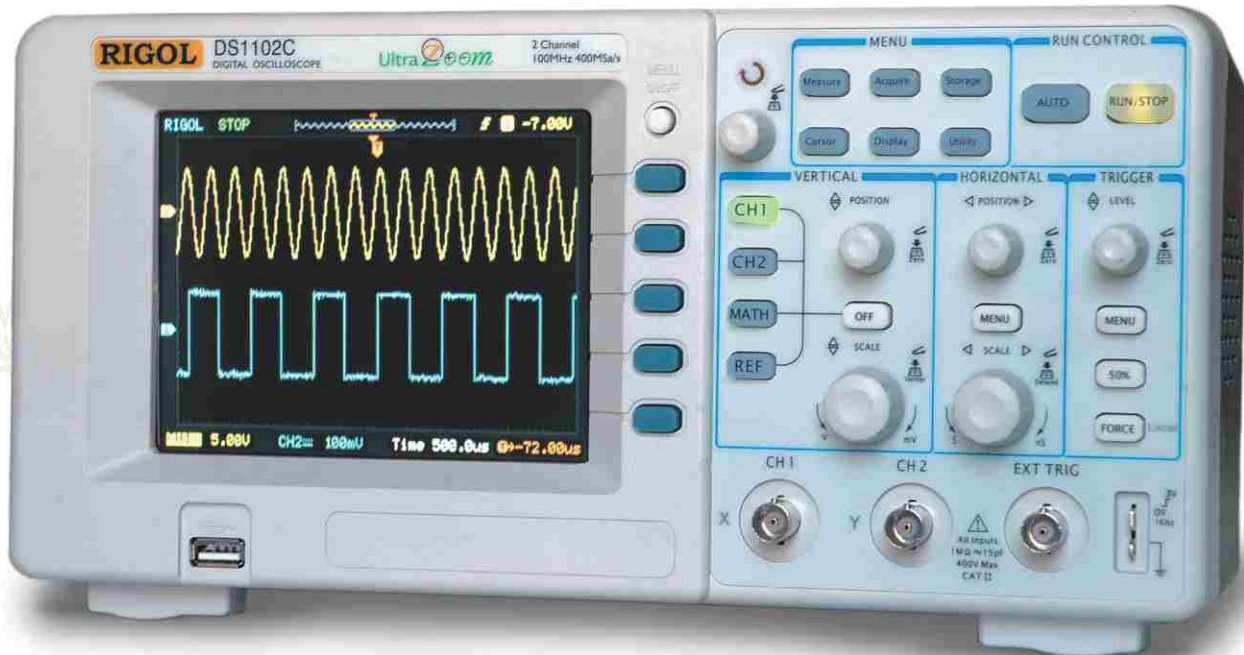


DS1102C

100 MHz Digital Storage Oscilloscope with Color Display

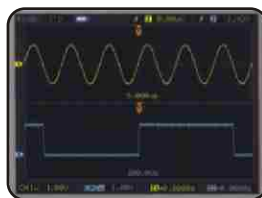


Features →

- Bandwidth DC-100 MHz
- RTS 400MSa/sec
- ETS - 25GSa/sec
- TFT Display (64K)
- 20 Different Auto Measurement
- Built in Multimath Function +, -, ×, FFT
- Cursor Measurement : Auto, Manual, Track
- Triggering Modes : Alternate / Edge / Pulse / Slope / Video / Pattern / Duration
- Built in adjustable Lowpass, Highpass / Bandpass, Band reject Digital Filters
- 10 Waveforms and 10 Setups can be stored
- Built in USB & RS 232 Interface
- Built in Pass / Fail function
- Supports USB Flash Memory
- Direct Screen Printing
- Best Price / Performance Ratio



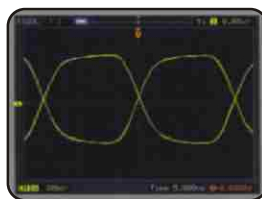
Adjustable trigger Sensitivity
Unique adjustable trigger sensitivity meets different test requirements



Alternate trigger
Dual time-base displays out-of-phase signals stably



Slope trigger
Ascertain trigger time neatly by signal slew rate



Rising/falling edge trigger
Catches dual-edge signal events

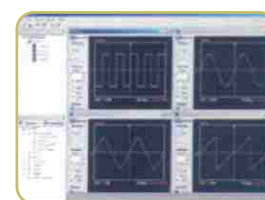
Technical Specifications

DS1102C

100 MHz Digital Storage Oscilloscope with Color Display

Bandwidth	100MHz	
Realtime Sample Rate	400MSa/s	
Equivalent Sample Rate	25GSa/s	
Number of Channels	2 CH + Ext Trig	
Memory Depth	1M points on one channels (CH 1 or CH 2) 512 K points (Dual channel)	
Acquisition Modes	Normal/Average/Peak Detect	
Average	Selectable from 2 to 256	
Vertical Sensitivity	2mV/div - 5V/div	
Vertical Resolution	8 bits	
Rise Time	5.8ns	
Input Impedance	1Mohm 15pF (approx)	
Input Coupling	DC, AC or GND	
Maximum Input Voltage	300V _{rms} CAT II	
Timebase Range	5ns ~ 50s/div	
Time Base Accuracy	100 ppm	
Trigger Sources	CH1, CH2, Ext, Ext 5/5, AC Line	
Trigger Modes	Auto, Normal, Single	
Trigger Type	Edge, Pulse, Slope, Video, Alternate, External	
Auto Measure	Vpp, Vmax, Vmin, Vtop, Vbase, Vamp, Vrms, Vavg, Vover, Vpre, Freq, Period, Rise, Fall, +Width, -Width, +Duty, -Duty, Delay A, Delay B	
Cursor Measure	Manual, Track and Auto measure mode	
Maths	+, -, x, FFT	
Waveform Interpolation	Sin x/x	
X-Y Operation	Bandwidth	100 MHz
	Phase Difference	3 degrees
Storage	Internal	10 waveforms and setups
	USB	BMP, CSV, Waveforms, Setups
I/O Interface	USB device, RS232; USB Host to support USB disk and Printer	
Display	TFT (64K) Color LCD	
Power	AC 230V ±10%, 50Hz	
Net Weight	2.3 Kg.	
Dimensions	303 x 154 x 33 mm	
Accessories	Probe x2 (1x, 10x switchable), Power cord, User manual, Calibration Certificate, Ultrascope software	

Ultrascope Software is designed to interface between PC & DSO through RS-232 and USB. User can read measurement data, waveform and capture data. It can also setup control panel, store and print waveform, measurement data and capture data.



Ultrascope Software Interface

Subject to Change

Marketed by :



Scientech Technology Pvt. Ltd., 94, Electronic Complex, Pardesipura, Indore- 452 010 India.
 Tel.: 91-731-2570301, 2576472, Fax : 91-731-2555643, Email: info@scientech.bz, Web: www.scientech.bz