Order Code - DSO-1202
Digital Storage Oscilloscope, 200 MHz.,2 CH, Coloured LCD 7 “,1GS/s, USB+Software

Main Features

- Bandwidth : 20MHz - 200MHz
- 2-Channel
- Sample rate : 100MS/s - 1GS/s
- Ultra-thin body
- 7 inch high resolution LCD
- SCPI, and LabVIEW supported

Specification	
Bandwidth	200MHz
Sample Rate	1 GS/s
Horizontal Scale (s/div)	2ns/div - 1000s/div, step by 1 - 2 - 5
Rise Time (at input, typical)	≤1.7ns
Channel	2
Display	7" color LCD, 800 x 480 pixels
Input Impedance	1M Ω ± 2%, in parallel with 20pF±5pF
Channel Isolation	50Hz : 100 : 1, 10MHz : 40 : 1
Max Input Voltage	400V (PK - PK) (DC+AC, PK - PK)
DC Gain Accuracy	±3%
Record Length	10K
DC Accuracy (average)	Average≥16：±(3% reading + 0.05 div) for △V
Probe Attenuation Factor	1X, 10X, 100X, 1000X
LF Respond (AC, -3dB)	≥10Hz (at input, AC coupling, -3dB)
Sample Rate / Relay Time Accuracy	±100ppm
Interpolation	sin (x) / x
Interval (△T) Accuracy (full bandwidth)	Single : ±(1 interval time + 100ppm x reading + 0.6ns), Average>16 : ±(1 interval time + 100ppm x reading + 0.4ns)
Input Coupling	DC, AC , and GND
Vertical Resolution	(A/D) 8 bits (2 channels simultaneously)
Vertical Sensitivity	5mV/div - 5V/div (at input)
Trigger Type	Edge, Video
Trigger Mode	Auto, Normal, and Single
Trigger Level	±5 divisions from screen center
Line / Field Frequency (video)	NTSC, PAL and SECAM standard
Cursor Measurement	△V, and △T between cursors
Automatic Measurement	Vpp, Vavg, RMS, Frequency, Period, Vmax, Vmin, Vtop, Vbase, Width, Overshoot, Pre-shoot, Rise time, Fall time, +Width, -Width, +Duty, -Duty, Delay A→B , Delay A→B
Waveform Math	+, −, x, ÷, invert, FFT
Waveform Storage	16 waveforms
Lissajous Figure	
Bandwidth	full bandwidth
Phase Difference	±3 degrees
Communication Interface	USB host, USB device
Frequency Counter	available
Power Supply	100V - 240V AC, 50/60Hz, CAT II
Power Consumption	<15W
Fuse	2A, T class, 250V
Dimension	(W x H x D) 301 x 152 x 70 mm
Device Weight	1.10 kg

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.
305, Taru Chhaya Nagar, Tonk Road, Jaipur-302029, India
Tel: +91-141-2724326, Mob: +91-9413330765
Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tescaglobal.com