

Specification for Digital storage oscilloscope with four isolated channels

SI No.	Feature	Description
1.	No. of Isolated Input Channels	4- isolated from each other upto 1000V or more
2.	Bandwidth (MHz)	200 or higher
3.	Sample Rate (GS/s) per Channel	1.25 or more
4.	Record Length	2.5k points or more
5.	Display	Color LCD
6.	Vertical Resolution	8 bits or more
7.	DC Vertical Accuracy	±3% or higher
8.	Input Impedance	1 MΩ ±2% or less
9.	Input Coupling	AC, DC, GND
10	Automatic Waveform Measurements	Voltage, Frequency, Rise time, Fall time, Pulse Width(+ve,-ve), RMS
11	Acquisition Modes	Averaged, Single Shot/sequence, scan/ roll, glitch capture
12	Math Operators	Add, Subtract, Multiply, FFT
13	Non-volatile Storage	Flash up to 2 GB or more
14	Battery Operation	Rechargeable battery pack-swappable battery. Minimum 4 hours of battery operation
15	Input Power cable	AC power adapter/charger
16	Power Source Voltage	240 V AC ±10%
17	Power Source Frequency	50 Hz (Indian standard)
18	Accessories	<ul style="list-style-type: none"> a. 200 MHz 10X passive probe including hookclips, ground leads with mini alligator clips, ground springs and probe-tip insulation sleeves b. Battery for 4hr backup c. USB PC Connectivity cable d. Software e. AC adapter with power cord f. Protective cover
19	PC Connectivity	USB
20	Software	Should enable fast and easy communication between a Windows PC-XP and beyond and the scope.