

Annexure-1
Specifications

Sr. No.	Feature	Range/Value
1	Bandwidth (-3 dB)	200 MHz
2	Input type	Single-ended BNC connector
3	Number of analog channel	4No.s
4	Vertical resolution	16 bit
5	Input ranges	±10 mV to ±20 V full scale, in 11 ranges
6	Input sensitivity	2 mV/div to 4 V/div (10 vertical divisions)
7	Input coupling	AC / DC
8	Input characteristics	1 MΩ ± 1% 14 ±1 pF
9	Max. sampling rate any 1 channel	1 GS/s (in 8-bit mode)
10	Max. sampling rate all 4 channel	125 MS/s (in 8-bit mode)
11	Time base ranges (real time)	1 ns/div to 5000 s/div in 39 ranges
12	Fastest time base (ETS)	100ps/div
13	Buffer memory (8-bit mode)	512MS
14	Trigger source	Analog channels and external trigger
15	Trigger types	Edge, window, pulse width, window pulse width, dropout, window dropout, interval, runt, logic
16	Trigger Input characteristics	1 MΩ ± 1% , 14 pF ±1.5 pF
17	Trigger Overvoltage protection	±100 V (DC + AC peak)
18	Output signals	Sine, square, triangle, DC voltage, ramp up, ramp down, sinc, Gaussian, half-sine
19	Output signal frequency	0.025 Hz to 20 MHz
20	Output frequency accuracy	Oscilloscope time base accuracy ± output frequency resolution
21	Output frequency resolution	< 0.025 Hz
22	Output voltage range	±2 V
23	Spectrum analyzer Frequency range	DC to 200 MHz
24	Spectrum analyzer Display modes	Magnitude, average, peak hold
25	Spectrum analyzer Number of FFT points	Selectable from 128 to 1 million in powers of 2
26	PC connectivity	USB 3.0
27	Power supply	230V AC adaptor or USB powered
28	Dimensions	Not more than 190 x 170 x 40 mm
29	Software	Compatible with Windows 7, 8 and 10 (32-bit and 64-bit versions) and 64-bit Linux
30	Software development support	SDK for Windows 7, 8 and 10 (32-bit and 64-bit versions)
31	Warranty	At least for 5 years.
32	Technical Support	At least for 2 years

Accessories Required:

33	Certificate of calibration required	1 (original)
34	Compatible probe	4 no.s
35	Compatible Power adaptor with USB Cable	1 No.

* Please give your compliance point by point for serial no. 1 to 35.