Technical Specification of Arbitary Function generator for Heritage Structures

Sr. N.	Specification	Requirement
1.	Frequency Bandwidth (Sine Wave)	10 MHz to 120 MHz or more
2.	Number of channels	2 or more
3.	Band Width of Arbitrary Waveform Generator	10 MHz to 100 MHz or more
4.	Sample Rate of Arbitrary Waveform Generator (Mega Samples/sec)	1000 or more
5.	Record Length of Arbitrary Waveform Generator (Kilo Points)	4000 or more
6.	Standard Waveforms	1. Sin(x)/x, 2. Sine, 3. Square, 4. Pulse, 5. Ramp, 6. Noise, 7. Exponential rise/fall, 8. Gaussian, 9. DC Offset
7.	Amplitude Range (at 50 ohm impedance)	10mV to 10 V p-p or better
8.	Vertical Resolution	14 bit or better
9.	Modulation	1. AM- Amplitude Modulation, 2. PM- Phase Modulation, 3. FM- Frequency Modulation, 4. PWM- Pulse Width Modulation (Analogue Modulation) 5. FSK- Frequency Shift Keying (Digital Modulation) 6. Burst 7. Sweep
10.	Display Size	Minimum 4.3 inch
11.	Warranty	Minimum 3 years

Details of Training

Type of training   -   Operational & Maintenance

Number of persons to be trained   -   5 persons

Duration of training   -   2 days

Place of training   -   CBRI Roorkee