

Technical specification for **Analog and Digital waveform generator**

Sr. no.	Specification	Value
For Digital Output		
1	No. of channels	8 or greater
2	Type of connector	SMA or equivalent
3	Sampling Rate	1GSa/s or greater
4	Maximum output voltage (in to 50 Ω)	3 ± 1 V
5	Rise and fall time	2 ns or lesser
For Analog Output		
6	No. of channels	2 or greater
7	Type of connector	SMA or equivalent
8	Sampling Rate	125 MSa/s or greater
9	Output voltage (in to 50 Ω)	Any value in the range -3 - 3V
10	Bandwidth	Greater than or equal to 30 MHz
General Parameters		
11	Maximum pattern length	1M pulses or greater
12	Trigger modes	Internal and external
13	Interface	Ethernet or equivalent

Accessories required:

Necessary connections for computer interfacing

Control software

Please provide a clear warranty statement for 2 years.