


## TECHNICAL SPECIFICATION FOR DIGITAL PORTABLE VIBRATION METER

#	Specification	Range/Requirement
1	No of channels	1
2	Input Sensor	Piezoelectric accelerometer
3	Quantity measurement	Displacement Velocity Acceleration
4	Measured Parameter	Peak-to-peak Peak RMS
5	Measurement Range	Displacement 0- 2000micron Velocity 0- 200mm/sec Acceleration 0-20g } Multi Range or Automatic Ranging
6	Frequency range	10 to 1000 Hz or better
7	Accuracy	5 % of full scale reading or better
8	Sensor mounting	Magnetic holder, Probe tip and Stud pin
9	Environment	Temperature 0 to 45°C or better
10	Carrying case	Hard sided carrying case
11	Power to meter	Battery operated
12	Battery	Preferably rechargeable batteries with charger / Alkaline Batteries
13	Display Language	English
14	Display Type	3 1/2 digit LCD Display and low battery indicator or better
15	Cable (sensor to meter)	Min 1.5 m length, shielded and low noise pick up cable
16	Spare	2 no spare cable ( 1.5m- 1 No and 5m -1 No)
17	Documents	O & M Manual 2 copies and 1 CD
18	Calibration Certificate	Calibration certificate for one year
19	Guarantee	18 months from date of delivery
20	Catalogue	Along with Technical Bid detailed manual with specification for the quoted model to be supplied. Catalogue should be original.

  
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