

SPECIFICATIONS

DATALOGGING SOUND LEVEL METER 2001:

Standards	: Designed as per IS:9779- 1981, Type 1
Measuring Range	: 34- 134 dB
Microphone	: ¼" Electret Condenser
Calibration	: Factory calibrated, Field calibration by Acoustic calibrator 3022. Calibration traceable to NPL.
Detector	: True RMS
Clock	: Real time with calendar
Resolution	: 0.1 dB
Display	: LCD, 16x 2 alpha numeric
Error Indicators	: Overload and under range indication
Frequency weighting	: A,C, Linear as per IS:9779- 1981.
Time Weighting	: Slow, Fast & Impulse, as per IS: 9779- 1981.
Parameters	: SPL, Lmax, Lmin, Leq, Sel, Ln, Elapsed Duration
Memory Options	: 32K, 64K, 128K or 256K
Storage capacity	: 1000 files, stored manually, or simultaneous parameters and 24 Hours logging at 1 sec interval or upto 128,000 readings.
Simultaneous Parameters:	: SPL, Lmax, Lmin, Leq, SEL elapsed during 1sec or in continuous time mode.
Battery Life	: 24 hours per full charge
Battery Indicator	: Battery life meter with auto shut-off on low battery
Outputs	: Serial interface RS 232. Analog output for filters AC output of selected signal
External Power	: External Power Supply 3051 (Optional)
Construction	: Rugged die cast, reflection free, aluminium enclosure
Temperature	: 0 to 50 degree Celsius
Humidity	: 0 to 90% none condensing
Dimensions (mm)	: L255 W 93 H 45mm
Weight	: 1000 gms
Standard accessories	: Battery charger, Microphone, Briefcase type carrying case, Windshield, Operation Manual, Software in compact disc, Serial Cable
Optional Accessories	: Acoustic Calibrator 3022, Tripod Stand, Mic Extension cable, Octave (3010) or third octave filter set (3013)

Note1 : The above stated item is designed and manufactured exclusively by Baseline Technologies, New Delhi, India. Baseline Technologies reserves the right to amend the above specifications at any time in the interest of improvement of the product or its process. The above specifications do not constitute a contract unless accompanied with a formal offer from Baseline Technologies.

Manufactured in India by Baseline Technologies, New Delhi, an ISO 9001:2000 company.

