

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 interval or upto 128,000 readings. parameters and 24 Hours logging at 1 sec
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)

Marketed by **ABE** (Accurate Balancing Equipment)

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