PLACID

PLACID INSTRUMENTS

ACCURATE & EASY TO USE

An integrating sound level meter for reliable noise measurement, Class 2 based on IEC 61672-1:2013

SL-02 | SOUND LEVEL METER

www.placidinstruments.com

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ACCURATE, EASY TO USE

PLACID SOUND LEVEL METER

Feel confident and safe to measure sound level with ease and flexibility

Placid Instruments BV
Newtonlaan 115
Office No. 2.21
3584 BH UTRECHT
THE NETHERLANDS
info@placidinstruments.com
www.placidinstruments.com

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NEW CALIBRATED INSTRUMENTS FOR REGISTERING NOISE AND VIBRATION



PLACID INSTRUMENTS BV
Newtonlaan 115 Office No. 2.21 3584 BH UTRECHT, THE NETHERLANDS
Phone +31 302106021
email info@placidinstruments.com
website www.placidinstruments.com



PLACID SOUNDLEVEL METER

PLACID SL-02
Class 2 based on IEC 61672-1:2013

The Placid SL-02 sound level meter is an integrating (Leq) sound level meter that measures the sound pressure level (SPL) in Decibel (dB).

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DATASHEET PLACID SL-02

Measurement level range	30 – 130 dB
Accuracy	±1.4 dB (ref. 94 dB @ 1 kHz)
Sensitivity	50 mV/Pa
Time Weighting	Fast, Slow
Frequency Range	20 Hz – 8 kHz
Microphones:	½ inch electret condenser microphone
Measuring Time	10 seconds, 1 minute, 5 minutes, 10 minutes, 15 minutes, 30 minutes, 1 hour, 8 hours, 24 hours
Operating temperature	32° to 104°F (0 to 40°C)
Storage temperature	14° to 140°F (-10 to 60°C)
Auxiliary Outputs	AC/DC Output
Battery	4 x 1.5V AA size battery
Dimensions	270 x 85 x 40 mm
Weight	Approximately 400 gram

FEATURES

- Class 2 based on IEC 61672-1:2013
- able to measure Leq, Lmax, Lmin, SPL
- datalogger for 64000 records
- pc interface with software
- AC/DC signal output (recording, post processing)
- Back-lit display

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The PLACID SL-02 is a feature-rich, accurate sound level meter for the many applications where noise levels must be measured.



Applications:

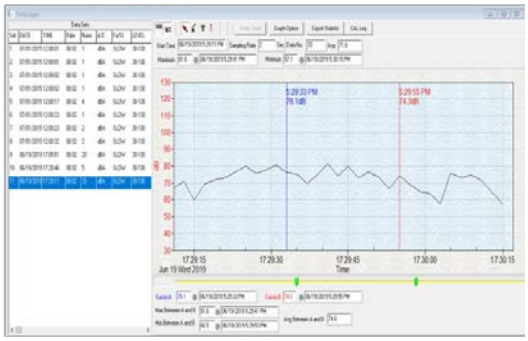
- Occupational Noise
- Environmental Noise
- Vehicle Noise
- Noise Mapping

DATA LOGGER WITH SOFTWARE ANALYSIS

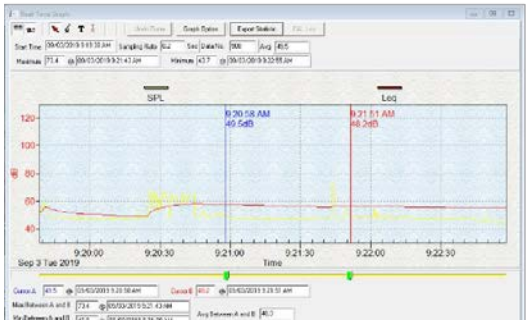
Real Time SPL on Screen



Data Logger



LEQ Calculation



PC Software

- Real time SPL display and graph
- Data logger download
- LEQ calculation between cursors
- Measuring time 10 s – 24 hours



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