

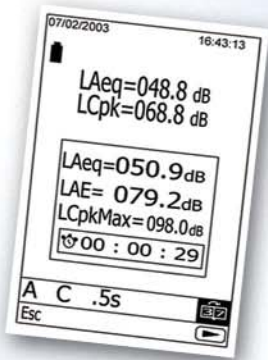
Precision Data-Logging Sound Level Meter



Solo SLM: the latest addition to a family of top-of-the-range instruments. Available in class 1 and in class 2. Outstanding performances, such as a single 110 dB dynamic range suited to the measurement of any type of noise source.

SLM

Solo



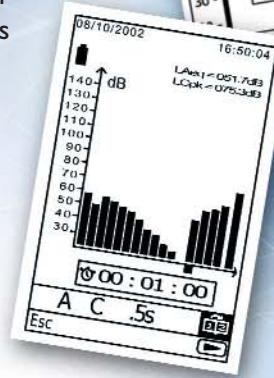
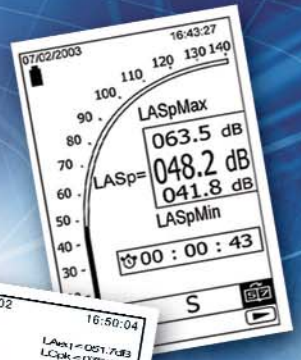
In addition to the measurement of Leq overall levels, **Solo SLM** can be used to measure peak levels that are required in industrial surroundings, and with adequate frequency weighting: A, B, C, and Z.

For measurements in quiet areas, **Solo SLM** can perform measurements for levels as low as

30 dBA. Also, optional real-time 1/1 and 1/3 octave modules are available for frequency analysis in **Solo SLM**: minimum, maximum and average spectra.

A wide back-lit screen and an ergonomic keyboard

make **Solo SLM** very handy. Measurement results can be stored in the internal memory of the instrument and loaded up for display or direct printing. Versatile and very easy to use, **Solo SLM** is the ideal tool for non-specialists wishing to perform quick measurements with an instrument of high metrologic quality.



Technical specifications

Standards

- IEC 61672-1 (2002) / NF EN 60651 (2000) / NF EN 60804 (2000)
- IEC 1260 (1225)
- CEM IEC/CEI 61000-6-1 / CEM IEC/CEI 61000-6-2
CEM IEC/CEI 61000-6-3 / CEM IEC/CEI 61000-6-4
- NFEN 61000-6-2 / NFEN 50082-1

Metrology

- 30-137 dB(A) single dynamic range in class 1 and 2
- Weighting: A, B, C and Z
- Leq (S, F, I) / Lpmin (S, F, I) / Lpmax (S, F, I)
- Lpk (C, Z)
- Short Leq with a time step ranging from 1s to 60s
- LAE, Leq start/stop up to 24 hours
- Switchable 0.3 Hz / 10 Hz high-pass filters
- Real-time filter option
- Average 1s 1/1 octave from 16 Hz to 16 kHz
- Average 1/1 octave in Lp (F, S)
- Average 1/3 octave from 12.5 Hz to 20 kHz
- Average 1/3 octave in Lp (F, S)

Input/output

- AC/DC output
- RS232 output for serial printer (Kyoline type)

Performances

- Parallel measurements of Leq and Lp, Lpk (1 time weighting) with selection of different frequency weightings
- Storage of 99 sets of results
- Back-lit screen and keyboard
- 24-hour operating lifetime
- Rechargeable battery, non-volatile memory
- Page-by-page display
- Language: F, GB, D, I, NL

Standard accessories

- Preamplifier PRE21S
- Microphone 1/2" 50mV/Pa class 1 (20 mV/Pa class 2)
- Windscreen
- Integrated battery and mains power supply
- Carrying case

Optional accessories

- Carrying satchel
- External battery charger and additional battery(ies)
- Calibrator CAL21 or CAL02
- Serial printer
- Extension cable for microphone

Easy to use
IEC61672-1 compliant
110 dB single dynamic range
Battery-operated
Userfriendly

01dB Head Office

200, chemin des Ormeaux
F - 69578 Limonest Cedex
Tel. +33 4 72 52 48 00
Fax +33 4 72 52 47 47

01dB Asia Pacific

Tel. +60 3 563 22 633
Fax +60 3 563 18 633

01dB Brasil

Tel. +55 11 5089 6460
Fax +55 11 5089 6454

01dB Germany

Tel. +49 07552 / 938 570
Fax +49 07552 / 938 571

01dB Italy

Tel. +39 049 92 00 966
Fax +39 049 92 01 239

01dB USA

Tel. +1 248 592 2990
Fax +1 248 592 2991

Email : environment@01db.com

