

TYPE 2239 A

INTEGRATING SOUND LEVEL METER

Type 2239 A is a Class 1 sound level meter that is designed to be quick and easy to use when making environmental and occupational noise measurements. A large LCD screen displays measurements and includes a quasi-analog bar showing the current sound pressure level. The clearly marked arrows and symbols on the front panel, combined with the large LCD screen (with back light), make the sound level meter very easy to use. The display is clear and concise. Clear instructions and warnings guide you through your measurement. The instrument is capable of storing up to 40 records of measurement results. Each record stores the date, measurement time, L_{eq} , MaxP, MaxL, MinL and overload status. These results can be transferred to a PC using standard communications software. Measurement results can also be output to a portable printer as you take them.



BRIEF SPECIFICATIONS

Standards

IEC/ANSI/ISO standards:
See table on page 37

Detectors and Frequency

Weightings

Simultaneous RMS and Peak
with independent frequency
weightings

Linearity Range: 70dB

RMS: A or C

Peak: C

Microphone

Type 4188: Prepolarized
Free-field ½-inch Microphone

Frequency Range

8 Hz to 16 kHz ± 2 dB

Time Weightings

F, S, I (Fast, Slow, and Impulse)

Parameters

Types: L_{eq} , MaxP, MaxL, MinL,
Peak, SPL, Inst.

Resolution: 0.1dB

ORDERING INFORMATION

Type 2239 A: Integrating Sound
Level Meter includes the fol-
lowing accessories:

Type 4188: Prepolarized Free-
field ½-inch Microphone

KE 0323: Shoulder Bag

UA 1236: Protective Cover

4 × QB 0013: 1.5V LR6/AA
Alkaline Cells

Optional Accessories

Type 4231: Sound Level
Calibrator

AO 1442: Serial Interface Cable

Type 4188: Prepolarized
Free-field ½-inch Microphone

KE 0323: Shoulder Bag

UA 1236: Protective Cover

4 × QB 0013: 1.5V LR6/AA
Alkaline Cells

KE 0325: Carrying Case with
Insert for Sound Level Meter,
Sound Level Calibrator Type
4231 and Tripod UA 1251 and
Printer Type 2322