

TYPE 2240

INTEGRATING-AVERAGING SOUND LEVEL METER

If you're working in the field of community comfort or occupational health controlling noise levels, then Class 1 Integrating-averaging Sound Level Meter Type 2240 is a well-suited companion. Not just good looking, Type 2240 has an extremely easy to use interface for quick and simple measurements. Noise parameters L_{AF} , L_{Aeq} , L_{AFmax} , L_{Cpeak} are all measured simultaneously and you can toggle between the different sound level readings during and after measurements. Accurate, reliable and affordable, Type 2240 measures time-averaged sound level as defined by the latest sound level meter standards.

Type 2240 is as straightforward as a sound level meter can get. With three pushbuttons you control everything, and the front panel's sliding cover reveals a quick guide to all functions. The power and calibration switches are found on the side panel.



BRIEF SPECIFICATIONS

Standards:

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

Measuring Ranges

RMS: Total range: 30 – 140 dB

Two Manually Selected Ranges:

30 – 110 dB and 60 – 140 dB

Peak: 60 – 143 dB

Detectors

Simultaneous RMS and Peak
with independent frequency
weightings

Linear Operating Range: 80 dB

Frequency Range

20 Hz to 16 kHz

Frequency Weightings

A-weighting (RMS)

C-weighting (Peak)

Time Weighting

'F' (Fast)

Microphone

Type 4188 Prepolarized Free-
field ½-inch Microphone

Sensitivity: –30 dB re 1 V/Pa ± 2 dB
(corresponding to 31.6 mV/Pa)

ORDERING INFORMATION

Type 2240: Integrating-
averaging Sound Level Meter

Accessories Included

Type 4188: Prepolarized Free-
field ½-inch Microphone
DZ 9566: Random-incidence
Corrector

KE 0443: Pouch

UA 1236: Protective Cover

UA 0229: Screwdriver

Two alkaline batteries

Type 2240 A Integrating-
averaging Sound Level Meter
with Sound Level Calibrator
Type 4231

Optional Accessories

Type 4231: Sound Level Calibrator
(included with Type 2240A)