

Sound Level Meter TYPE6226

"Noise." Though it is an everyday problem, only experts are engaged in noise level measurements. Is it possible to make noise measurements easy even for beginners... Our simple question has triggered off the creation of a compact, light and easy - to - handle sound level meter with an excellent cost/performance ratio.



This is an integrating - averaging sound level meter appropriate for environmental noise measurements, equipped with the following measurement functions; equivalent continuous A - weighted sound pressure level (Leq), sound exposure level (LE), and percentile level (Lx). It is easily operated to fulfill various functions from measuring the noise of traffic, aircraft and machinery to quality control and diverse tests. Standard equipment includes an RS - 232C interface, and connection to an outer CPU enables continuous operation.

Measurement results are expressed both by bar graph and numerically on a liquid crystal display. Further, the wide dynamic range of 100dB eliminates the need for range switching, realizing easier and more accurate measurements.

FEATURES

Percentile level (Lx) - any 5 selectable values

Measure equivalent continuous A - weighted sound pressure level capability (Leq)

Measure environmental noise required for securing occupational

health capability

Wide linearity range of 100dB

Equipped with an RS - 232C function, allows for processing of data by PC

Equipped with memory function, allows for storing up to 15,000 bits of data

Backlite LCD screen for high - visibility and easy - on - the - eye display

Excellent cost/performance ratio overpowers comparably priced products

SPECIFICATION

Applicable standards	IEC 60651 Type 2 IEC 60804 Type 2 IEC/CDV 61672-1 Class 2
Measurement functions	Lp : Sound pressure level Leq : Equivalent continuous A-weighted sound pressure level Le : Sound exposure level Lmax : Maximum sound level Lmin : Minimum sound level Lx : Percentile level(5 values of free select) Lpeak : Waveform peak hold(C weighting selectable)
Max. Measurement Level	137 dB rms, 130 dB at c.f.3
Measurement Range	28dB to 130dB (A) 33dB to 130dB (C) 38dB to 130dB (F)
Time weighting	Fast, Slow
Microphone	1/2 Electret condenser microphone
Display	Type : Liquid crystal and Back light(128x64 points) Digital display : 4 digits, Display Period:1s Bar display : Display Period:1s
Battery	Four 1.5V alkaline cells IEC type LR6, optional AC adapter
Dimensions and weight	85(W)x284(H)x48(D). Approx 370g