

TYPE-6226H

High Range Sound Level Meter

TOP

大音圧低周波・騒音計
Type6226H



Such as the sound of blasting can be useful in the field of measurement, such as explosives, training tunnel construction

Frequency sound pressure level sound pressure up to large 164dB (3170Pa) (1Hz ~ 8kHz) is measurable.

<Option>

Can be measured at a construction site where there are splashes

[New development] can be combined (Φ75) (optional) and a small all-weather windscreen.

You can only be used to cover the microphone with special drip-proof treatment. In easy: (φ200 conventional product), to use, to achieve a small size and low cost than the traditional all-weather windscreen.

リニアリティレンジ

Linearity range is **100dB**

In a wider range of the sound level meter can be easily set.

測定周波数範囲

To TYPE 6226H is

I have adopted the electret condenser microphone large sound pressure [new] development.

The measurement frequency range **1Hz ~ 8kHz**

測定項目

● Noise level (L A)

"SLOW or FAST" operating characteristics,
You can measure the noise level by the characteristic "A" frequency correction.

The display, the instantaneous value of the noise level will be displayed.

To "per second", the digital display will be updated to "every 0.1 seconds" is the bar display.

● Sound pressure level (L C / L F)

"SLOW or FAST" operating characteristics,
Frequency correction, or "characteristic C, characteristic F"
By doing, you can measure the sound pressure level.

The display, the instantaneous value of the noise level will be displayed.

To "per second", the digital display will be updated to "every 0.1 seconds" is the bar display.

● Equivalent sound level (L Aeq)

"SLOW or FAST" operating characteristics,
I set to "property A" frequency correction.
And I will choose the measurement time.
Measurement time,

1 second, 3 seconds, 5 seconds, 10 seconds, 1 minute, 5 minutes, 10 minutes, 15 minutes, 30 minutes,

You can select 1 hour, 8 hours, from 24 hours.

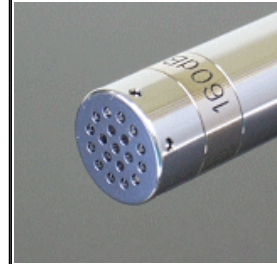
You can also manual measurement.

When you press, "Pause" button during the measurement, the last 3 seconds, or

You can also delete five seconds of data.

The display progress of LAeq value is displayed.

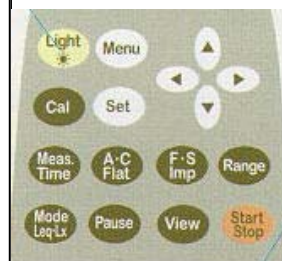
● Time noise level ratio (L X)



Sensor unit



Body appearance



Operating portion



Exterior storage case



Internal storage case

I will and noise levels, the preparation of noise levels.
I press the - "Start" key.

Time rate noise level (L05, L10, L50, L90, L95)
And a one-shot sound exposure level (LAe), noise level (LA),
Equivalent sound level (LAeq),
Can be measured at the same time (Lmin) maximum (Lmax), the
minimum value.



Memory function

You can record up to 10,000 data in memory.

Calendar function

I have featured calendar and clock function.

Output signal

Has a signal output terminal AC, signal DC.
You can connect and DAT recorders, the level recorder.

You can also connect to a dedicated printer to print the data stored in the memory.

Ability to communicate with the PC

I have features RS-232C.

I will of course can be transferred to the computer, the data stored in the memory,
You can also be **sent to the computer in real time**, the data in the measurement.

You may communicate data with any computer that features RS-232C.

<Option>

Available at the construction site where there are splashes

Can be used regardless of the indoor and outdoor. You can only be used to cover the microphone with special drip-proof treatment. Smaller in size than traditional all-weather windscreen, with easy to use and has a low price.

When combined with the extension cable (waterproof), the body indoors microphone part is also effective, for example, to the measurement and metrology in outdoor comfort with the target sound source.

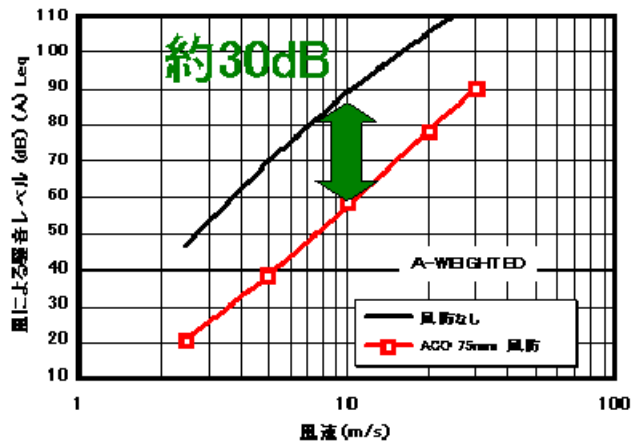


Specifications

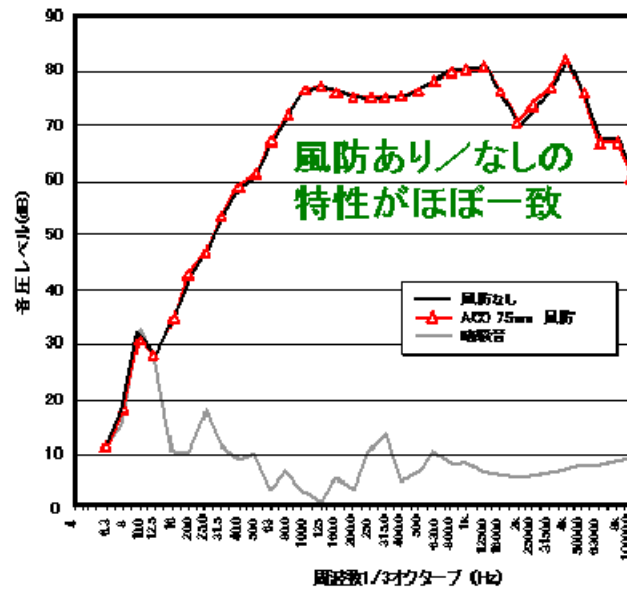
The expression of type	TYPE 6226H
Product Name	Large-frequency sound level meter sound pressure
Measurement range	60 ~ 164dB
Measurement frequency range	1Hz ~ 8kHz
Microphone	1/2 inch electret condenser microphone (high sound pressure)
Level Range	10dB Step 6 stage
Linearity range	100dB
Dynamic characteristics	FAST, SLOW, IMPULSE
Characteristic frequency correction	A, C, FLAT
Measurement item	Instantaneous value Lp, Leq equivalent continuous sound level, sound exposure level Le solitary, Value (optional 5) Lmax maximum value, Lmin minimum, Lx noise hour rate
Measurement time	1s, 3s, 5s, 10s, 1min, 5min, 10min, 15min, 30min, 1h, 8h, 24h Manual (199h59M59S maximum)
Sampling interval	20.8μs (Leq), 10ms (Lmax, Lmin)
Lx sampling interval	100ms
Indicator	Backlit LCD (128 × 64 dots)
Digital display	4-digit display cycle: 1s numerical display
Bar display	0.1s: display period
Alarm display	Displayed in scale than the lower limit of signal-0.6dB thin: Under +3 dB display scale than the upper overload: Over
Battery Indicator	Displays the remaining amount of stage 4
Memory function	Instantaneous value or storage memory (000 data) calculated value
Clock function	Built (year / month / date / hour: minutes: seconds)
Pause function	In addition to the normal pause function, just before removal data
Calibration signal	The electrical calibration internal oscillator (sine wave 1kHz)
AC output	1Vrms (FS), output resistance: Output voltage: 600Ω, load resistance: more than 10kΩ
DC output	Output Voltage: 2.5V (FS), 0.25V/10dB, output resistance: 50Ω, More than 10kΩ: load resistance
Terminal I / O	Interface: RS232C (asynchronous), Data length: 8 bits, stop bit: 1 bit, No, transfer rate: parity 4800,9600,19200 bps (Computer-based control and data output and output directly to the printer)
Power	When using approximately 2.1VA (DC6V) AC adapter AC adapter Current consumption or four AA batteries
Temperature and humidity	It (non-condensing) 30% ~ 90% Humidity: -10 ~ 50 °C: temperature
Dimension	85 (W) × 284 (H) × 46 (D)
Weight	About 420g including battery

※ for improvement, specifications are subject to change body.

Compact all-weather specifications windscreen (optional)



※他社はΦ70(防滴処理なし)で約20dB



Standard configuration

- One. Body
2. Extension cable (10m)
3. Windbreak screen
4. BNC pin code
5. Storage case
6. 7 AA manganese batteries
7. Hand strap
8. AC adapter
9. Manual



■ 動作環境

1. Operating temperature limit	-10 °C ~ +50 °C
2. Operating humidity range	It (non-condensing) 30% to 90%

3. Battery life	20 hours (when using alkaline batteries) 10 hours (when using manganese batteries)
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4. Connection to the PC	Thing in the RS-232C connection is possible. 4800,9600,19200 bps: transmission speed
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5. Connection with the analytical equipment	AC: 1Vrms (FS) 600Ω output impedance 2.5V (FS), 0.25V/10dB: DC load impedance 10kΩ or higher Output impedance 50Ω Load impedance 10kΩ or more
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