



IMV CORPORATION

Integrating sound level meter

TYPE6226

Integrating precision sound level meter

TYPE6224

IMV new Integrating sound level meter provides the measuring function of Equivalent continuous sound pressure level [Leq], Sound exposure level [LE], Percentile sound pressure level [Lx] for environment sound measurement. RS-232C interface is equipped and continuous measurement is possible with the connection to external CPU. Measured data is indicated digitally and by bar-graph. Wide 100dB dynamic range eliminates the range switching. Versatile sound measurement of automobile, aircraft and factory, is executed easily.

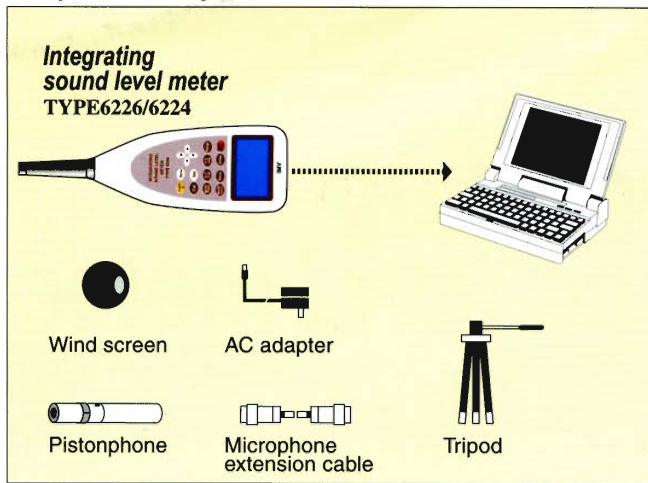
Advanced Function
In Compact body
With economy cost

FEATURES

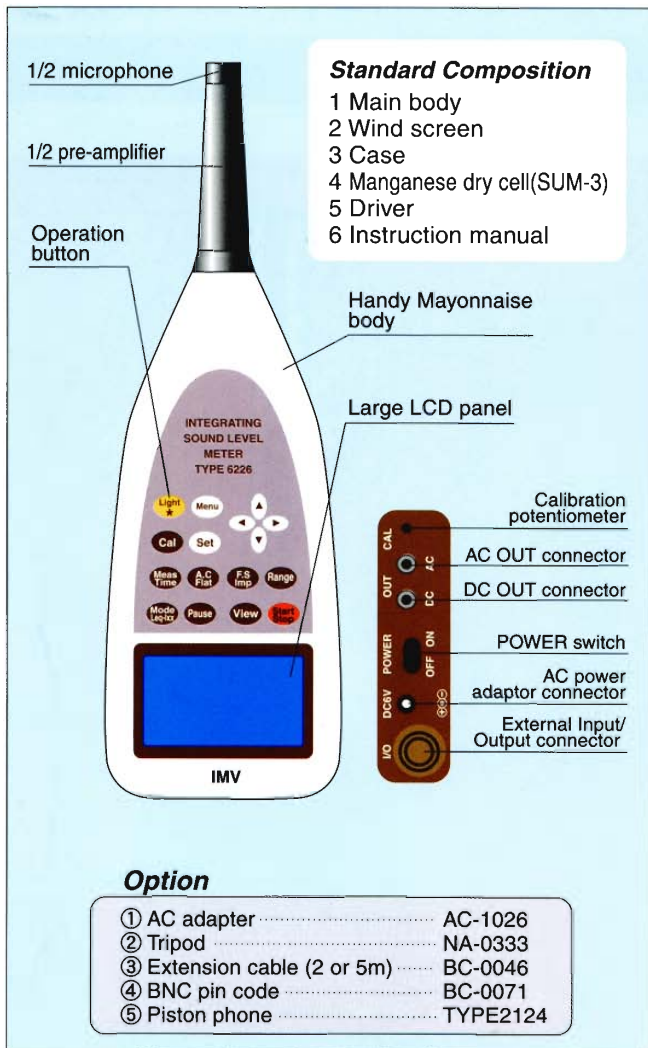
- Conforms to IEC 651, 804 Type 2(6226), Type1(6224)
- Measurement mode of Lp, Leq, LE, Lmax, Lmin, Lx(5-values selectable setting)
- Wide linearity range of 100dB
- With RS-232C interface
- Memory up to 15,000 data
- Large display with back-light



System Composition



Composition



SPECIFICATIONS

Type	6226 Integrating-sound level meter	6224 Integrating-precision sound level meter
Applicable Standards	JIS 1502 IEC 651 804 Type 2	JIS C 1505 IEC 651 804 Type 1
Measurement Range	28~130dB(A) 33~130dB(C) 38~130dB(F)	22~130dB(A) 32~130dB(C) 38~130dB(F)
Measurement Frequency Range	20Hz~8kHz	20Hz~12.5kHz
Microphone	7052N 1/2 Electret Prepolarized microphone	7146N 1/2 Electret Prepolarized microphone
Level Range Control	10dB 6steps	
Linearity Range	100dB	
Response	Fast, Slow, Impulse	
Frequency Weighting	A, C, Flat	
Measurement Parameters	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(5values of free select)	
Response Time For Constant Input Signal	1s, 3s, 5s, 10s, 1min, 5min, 10min, 15min, 30min, 1h, 8h, 24h, Manual(Max.199H59M59S)	
Sampling Time	20.8μs(Leq), 10ms(Lmax,Lmin)	
Lx Sampling Time	100ms	
Display	Type	Liquid crystal and Back light(128×64 points)
	Digital	4 digits, Display Period:1S
	Bar Warning	Display Period:0.1S
	Warning	Over:+10dB from upper limited scale Under:-0.6dB from lower limited scale
	Battery	4steps display
Memory	Memorize the Sound pressure level or the Operation level(Approx. 15,000 data)	
Date	Built-in(year/month/day/hour:minute:second)	
Pause	pause/data clear	
Calibration	Electric calibration with internal oscillator(1kHz Sine wave)	
AC Output	1Vrms for full scale Output impedance:600 , resistance:more than 10k	
DC Output	2.5V for full scale, 0.25V/10dB Output impedance:50 , resistance:more than 10k	
I/O Terminal	Interface:RS-232C Data:8bits, Stop:2bits, Parity:not, Baud rate:4800,9600,19200,bps (direct output to printer, control and output data to computer)	
Battery Type	Four 1.5V Alkaline cells IEC type LR6, Optional AC adapter	
Life time	Alkaline dry cell:Approx.24hours(Manganese dry cell:Approx. 11hours)when Switch on a back light:Approx.1/3	
Operating Ambient Condition	Temperature:-10°C~50°C Humidity:30%~90%(not condensing)	
Dimensions	85(W)×284(H)×48(D)	85(W)×310(H)×48(D)
Weight	Approx.370g	

Option



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