



SV 971A

Class 1 Sound Level Meter & Sound Exposure Meter

SV 971A adalah alat untuk mengukur kebisingan class 1 yang terbaru dalam seri 971. Model terbaru ini telah dilengkapi dengan mikrofon baru dengan rentang dinamis yang lebih besar yaitu 120 dB dan fitur Bluetooth® berdaya rendah untuk koneksi dengan aplikasi seluler.

Fitur Unggulan :

- **Class 1**
- **Bluetooth**
- **1/1 & 1/3 Octave Band (optional) + OLED Display**
- **Graphic Feature**
- **Lightest SLM**
- **Data Logger**



REGULASI

Peraturan Menteri Ketenagakerjaan Republik Indonesia Nomor 5 Tahun 2018 tentang Keselamatan dan Kesehatan Kerja lingkungan kerja

Your Connection for Occupational Health, Safety & Environmental Monitoring

Technical Specifications

Standards	Class 1: IEC 61672-1:2013, Class 1: IEC 61260-1:2014
Weighting Filters	A, B, C, Z, LF
Time Constants	Slow, Fast, Impulse
RMS Detector	Digital True RMS detector with Peak detection, resolution 0.1 dB
Microphone	ACO SV 7152, 32 mV/Pa, prepolarised 1/2" condenser microphone
Preamplifier	SV 18A detachable (60 UNS thread)
NORMAL	
Linear Operating Range	27 dBA RMS ÷ 140 dBA Peak (in accordance to IEC 61672)
Dynamic Range	20 dBA RMS ÷ 140 dBA Peak (typical from noise floor to the maximum level)
LOW	
Linear Operating Range	24 dBA RMS ÷ 126 dBA Peak (in accordance to IEC 61672) in a single
Dynamic Range	range 17 dBA RMS ÷ 126 dBA Peak (typical from noise floor to the maximum level)
Internal Noise Level	20 dBA RMS in the range NORMAL
(acoustical compensated)	17 dBA RMS in the range LOW
Dynamic Range	120 dB
Frequency Range	5 Hz ÷ 20 kHz (+/- 3 dB)
Sound Level Meter Results	Elapsed time, Lxy (SPL), Lxq (LEQ), Lxpeak (PEAK), Lxymax (MAX), Lxymin (MIN), where x - weighting filter A/ B/ C/ Z; y - time constant Fast/ Slow/ Impulse LR (ROLLING LEQ OPTION), Ov1 (OVERLOAD), Lxye (SEL), LN (LEQ STATISTICS), Lden, LEPd, Ltm3, Ltm5
Sound Exposure Meter Results	Lxy (SPL), Lxq (LEQ), Lxpeak (PEAK), Lxymax (MAX), Lxymin (MIN), DOSE, (optional) DOSE_8h, PrDOSE, LAV, Lxye (optional) (SEL), Lxye8 (SEL8), PLxye, (PSEL), E, E_8h, LEPd, PTC (PEAK COUNTER), PTP (PEAK THRESHOLD %), ULT (UPPER LIMIT TIME), TWA, PrTWA, Lc-aExchange Rate 2, 3, 4, 5, 6
Measurement Profiles	Simultaneous measurement in three profiles with independent set of filters (x) and detectors (y)
Statistics	Ln (L1-L99), complete histogram in meter mode
Data Logger	Time-history logging of summary results, spectra with two adjustable logging steps down to 100 ms and down to 2 ms in the RT 60 mode
Voice Comments	MicroSD card 32 GB (removable & upgradeable up to 128 GB)
Memory	Colour 96 x 96 pixels OLED type
Display	8 push buttons
Keyboard	USB 2.0, Bluetooth® 4.2
Communication Interfaces	SV 76 - RS 232 cable with external power supply connector (optional) Four AAA alkaline or rechargeable NiMH batteries (not included)
Power Supply	Operation time 16 h ÷ 24 h (depending on configuration and environmental conditions) USB interface 100 mA HUB Temperature from -10 °C to 50 °C (14 °F to 122 °F)
Environmental Conditions	Humidity up to 95 % RH, non-condensed 232.5 mm x 56 x 20 mm (including microphone and preamplifier)
Dimensions	Approx. 225 grams with batteries (Approx. 8.20 oz)
Weight	



Aplikasi dan Market :



Head Office

Ruko Mega Cempaka Mas Blok I No. 12
Jl. Letjend Soeprapto, Cempaka Putih
Jakarta Pusat, Indonesia

Laboratory & Services

Jl. Cempaka Putih Tengah XVIII No. 12
Jakarta Pusat, Indonesia

Contact Us

Marketing : 0821-1183-1227
Lab Service : 0878-7878-9001
Hotline : 021-429-0000-7/8
info@has-environmental.com