

ST-130 Noise Dose Meter

Measurement ranges

- Display range: 30-90dB, 50-110dB, 70-140dB
- Test range: 41-86dB, 55-106dB, 75-125dB
- Frequency weighting: A/C/Z
- Frequency: 31.5~8KHz (ST-130)
- Battery life: >24hr
- According to standard: IEC 61252-1993, IEC 61672-2002, ANSI S1.25-1992, ANSI S1.4-1983, ANSI S1.43-1997



Features

- Perform OSHA and IEC noise accumulation surveys
- Six built-in standard dose measurement setups: OSHA, MSHA, DOD, ACGIH, ISO85, ISO90
- One user-defined measurement setup
- Adjustable criterion level, exchange rate, and threshold
- Data logger Capacity: 10,000 records for noise dose meter, 1,000,000 records for sound level meter
- Data includes start/stop time, %Dose, TWA8, LEP, 8h, Leq, SEL, LN%
- SPLMAX, SPLmin, peakMAX when used in the Dose meter mode
- In sound level mode, meter displays sound level, time-averaged sound level (Leq), peakMAX, and sound exposure level (SEL)
- USB interface with Windows XP/Vista/7/8/10

TM-101 Sound Level Meter

Specifications

- Display: 3 1/2 digits LCD, resolution: 0.1dB
- Standard applied: IEC 651 Type 2, ANSI 1.4 Type 2
- Frequency range: 31.5Hz~8KHz
- Measurement item: SPL (sound pressure level)
- Microphone: 1/2 inch electret condenser microphone
- Time weighting: Fast (125ms), Slow (1sec)
- Level ranges: Lo: 30~80dB, Med: 50~100dB, Hi: 80~130dB
- Accuracy: ±1.5dB (under reference conditions)
- Alarm function: OVER is showing when input is more than upper limit of range, UNDER is showing when input is less than lower limit of range
- MAX/MIN hold: hold readings the Maximum or Minimum value
- AC output: 1Vrms at FS (full scale)
- DC output: 10mV/dB output impedance Approx. 100Ω
- Output impedance: Approx. 50Ω FS: means the upper limit of each level range
- Low battery indication: replace battery as LCD display
- Power supply 9V NEDA 1604, IEC 6F22, JIS 006P battery 1pc
- Power life: about 30 hrs (alkaline battery)
- DC adapter: voltage 9V DC (8~13 VDC Max) supply current: >30mA
- Weight: about 300g (including battery)



TM-102 TM-103



Datalogging  

Features

- Test range:30~130dB
- USB interface 14,000 records datalogger (TM-103)
- According to standard: EN 61672 type2

Functions

- Data hold
- Auto power off
- Backlit display
- Max/Min
- Auto ranging
- Time weighting :fast slow
- Frequency weighting: A, C
- Dimension : 200x56x32mm (LxWxH)
- Weight: 290g (including battery)

Specifications

Models	TM-102 /TM-103 (DATALOGGING)
Microphone	1/2 inch electret condenser microphone
Resolution	0.1dB
Accuracy	±1.5dB (ref 94dB@1KHz)
Level range	Lo:30~80dB Med:50~100dB Hi:80~130dB
Dynamic range	50dB
Frequency range	31.5Hz~8KHz

TM-100 Sound Level Calibrator

Features

- According to standard: ANSI S1.4 - 1984 and IEC 942 1988 class 2
- Setting standard sound level at 94 dB and 114 dB
- 1/2 microphone adapter provided
- Low battery indicator
- Size : \varnothing 48x125mm
- Weight: about 285g (including battery)

Output frequency	Test condition	Accuracy
1KHz±4%	(a)Environment temperature:20°C (b)Relative humidity:65% (c)Atmospheric pressure:1013m bar	±0.5dB



CLASS 2

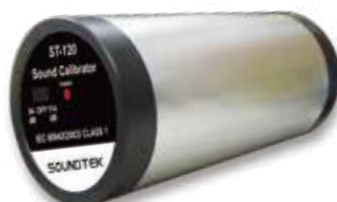
ST-120 Sound Level Calibrator

Features

- IEC 60942:2003 class 1 / ANSI S1.40-1984
- Sound pressure levels: at 94dB and 114dB
- For 1/2 condenser microphone calibration
- Low battery indication
- Harmonic waves distortion ±3%
- Output feedback detection

Specifications

- Output sound level: at 94dB and 114dB
- Frequency :1KHz ± 1% (class 1)
- Accuracy:94 ±0.3dB 114 ±0.5dB
- Power :9V battery 006P or IEC 6F 22 or NEDA 1604
- Operation environment:23.0°C ±3°C
<85%RH,850mbar~1050mbar, ≦2000M



CLASS 1