

Sound Level Meters/ Sound Level Calibrator



Sound Level Meter

- A and C weighted sound levels
- Measurement range 30dB to 130dB
- 4-Digit display with updated cycle 0.5 s
- 0.1 dB resolution
- Max/Min hold function
- The standard fast and slow time weightings
- AC/DC signal output
- Overload condition indication
- Auxiliary output jack
- IEC 651 type II
- Back screw hole for tripod connection

Level range	Lo=30-80dB, Med=50-100dB, Hi=80-130dB
Frequency weighting	A, C
Time weighting	Slow(1 s) & Fast (125 ms)
Accuracy	±1.5dB (under reference condition)
AC output	Voltage 1Vrms(at full scale)
DC output	Voltage 10mVdB
Output impedance	Approx. 600Ω AC; 50Ω DC
Dynamic range	50dB
Frequency range	31.5Hz to 8kHz
General	
Power requirement	One piece 9V battery NEDA 1604
Dimension	275x64x30mm (10.8"x2.5"x1.2")
Weight	9.82 oz(280g)
Accessories	9V Battery, carrying case, calibration screwdriver windscreen and owners manual.

Sound Level Meter+ Calibration



- 35~130dB range
- 0.1dB resolution
- ± 1.5 dB accuracy
- A/C weighting
- Fast/Slow response
- Max hold function
- AC/DC output
- Reset function
- Calibration 94dB
- IEC 651 type2
- Back screw hole for tripod connection

DSL-332	DSL-330
35~130db	30~130db
Calibration	N/A
Slide Switch	Push Switch

Level range	A LO (Low) - Weighting: 35- 90dB A HI (High) - Weighting: 75-130dB C LO (Low) - Weighting: 35- 90dB C HI (High) - Weighting: 75-130dB
Resolution	0.1dB
Frequency range	31.5Hz to 8KHz
Accuracy	± 1.5dB (ref 94dB @1KHz)
Dynamic range	55dB
Frequency weighting	A, C
Time weighting	Slow(1 s) & Fast (125 ms)
Calibration	Electrical calibration by using the internal oscillator (1KHz sine Wave at 94dB)
Auxiliary outputs	AC : 0.55Vrms each range step, impedance: 600Ω DC : 10mV/dB (nominally), impedance: 100Ω
General	
Power requirement	One 9V battery
Dimension	240x68x25mm (9.42"x2.67"x1.0")
Weight	7.54 oz(215g)
Accessories	Instruction manual, 9V battery, carrying case, screwdriver, windscreen

Sound Level Calibrator



- 94dB and 114dB sound calibration at 1KHz
- Accurate and simple to use
- Fits 1", 1/2" or 1/4" diameter microphone

Output sound pressure levels	114dB and 94dB re 20 uPa under reference conditions.
Output frequency	1000Hz ±4%
Reference conditions	Temp. 23°C(73°F), atmospheric pressure 1013mbar (760mm of Hg), RH65%
Accuracy of sound pressure level	Under stated reference environment conditions ±0.5dB
General	
Power	One 9V battery 006P or IEC 6F22 or NEDA 1604.
Battery life	About 50 hours
Dimensions	103x63x54mm (4.05x2.48x2.12")
Weight	7.02 oz(200g)
Accessories	9V Battery, carrying case, instruction manual, 1",1/2" and 1/4" microphone adaptor

TECEPCEL Sound Level Data Logger / Tachometer

Programmable Sound Level Data logger



CE
EMC-LVD
DSL-331

RS-232

- Auto ranging measurement 30dB to 130dB
- Work with window software
- 32,000 Records data logger
- Bar graph Indication with back light
- RS-232 real time display software for window 95/98/2000/XP
- Frequency weighting: A, C
- 4-Digit display with updated cycle 0.5s
- 0.1dB resolution
- Max/Min hold function
- The standard fast and slow time weightings
- AC/DC signal output
- Overload condition indication
- Auxiliary output jack
- IEC 651 type II, ANSI S1.4 type2
- Calibration potentiometer easy to adjust
- USB cable (option)

Standard applied	IEC651 type 2, ANSI S1.4 type 2
Frequency range	31.5Hz~8KHz
Measuring level range	30~130dB
Frequency weighting	A/C
Microphone	1/2 inch electric condenser microphone
Display	LCD back light function
Digital display	4 Digits, resolution: 0.1dB, display update: 0.5 sec
Analog display	50 segment bar graph, resolution, resolution: 0.1dB, display update: 50mS
Time weighting	Fast (125mS); Slow (1 Sec)
LEVEL range	Lo: 30~80dB; Med: 50~100dB, Hi: 80~130dB; auto range: 30~130dB
Accuracy	±1.5dB (under reference condition at 94dB 1KHz)
Measuring level range	30~130dB
Dynamic range	100dB
Over and under range	"OVER" is displayed, while input is more than upper limit

Indication function	of range. ; " UNDER" is displayed, while input is less than lower limit of range.
MAX/MIN hold	Hold reading the maximum and minimum value
AC output	1V rms at FS (full scale), output impedance: Approx. 100Ω
DC output	10mV/dB, output impedance approx. 1KΩ
Auto power off	30 minutes if no operation
General	
Power requirement	One piece 9V battery NEDA 1604
Power life	About 50 hours (Alkaline battery)
AC adapter (option)	Voltage 9VDC (8~15 VDC Max.); Supply current: >30mADC
Weight	10 oz(285g)
Accessories	9V battery, carrying case, calibration screwdriver, 3.5ø plug, windscreen and owners manual
Tripod connection hole	Able to connect camera tripod stand

Digital Tachometer



RS-232

CE
EMC-LVD

RM-1500/ RM-1501

- 5 Digits LCD display
- Light reflex measurement
- Range from 10.00 to 99,999 RPM
- Measuring distance 50 to 300mm
- Event counter elapsed time
- Max/Min hold: true average
- Auto range RPM
- Optical measurement & contact measurement
- Event counter (0~99,999)
- RS-232 interface (RM-1501)
- Contact RPM and circumferential velocity measurement in one simple adaptor (optional RM-1502)

General specification:	
Battery	Four 1.5V battery (AA, UM3)
Time base	4.000MHz quartz crystal
Operating temperature	0°C~50°C (32°F~122°F)
Reflective light	Red LED
Size	6.8"(L)x2.5"(W)x1.4"(H) 175mm(L)x65mm(W)x36mm(H)
Weight	250g (Including battery)
Accessories	Carrying case x 1, reflective tape x 1, Instruction manual x 1, (Software & RS-232 cable for RM-1501)
Option	Contact adaptor (Optional RM-1502)
Ordering information:	
MODEL : RM 1500	Digital optical tachometer (exclude RM 1502)
MODEL : RM 1501	RS-232 interface, software and RS-232 cable
MODEL : RM 1502	Contact adaptor



RM-1502

