



## Sound Investment

Monitor and analyze workplace and equipment sound levels to ensure OSHA compliance.

ACCESSORIES		
407744	N 94dB Sound Calibrator (0.5", 1" microphones)	\$329.99
407766	N 94/114dB Sound Calibrator (0.5", 1" microphones)	\$419.99
TR100	Tripod (for meters with Tripod mount feature)	\$29.99
40705X	AC/DC Recorder Output Cable (3ft/0.9m)	\$20.99
407764-EXT	15ft (4.7m) Microphone Extension Cable (for 407780A)	\$139.99
USB100	RS-232 to USB adaptor	\$40.99
42299	3.6V Lithium Battery 9pk of 2)	\$31.99
AC Adaptors for 407780A and 407790A		
144118	110V AC Adaptor	\$51.99
144220	220V AC adaptor	\$51.99
144240	240V AC adaptor	\$51.99
UA100-240	100-240V AC Adaptor w/4 plugs (US, EU, UK, AU)	\$32.99



### 407750 Sound Level Meter with PC Interface

Big backlit display, PC interface & background sound absorber

- High accuracy meets Type 2 standards (ANSI S1.4-1983, IEC 60651, EN 60651)
- Background noise absorber for noise measurements with high ambient noise levels
- PC interface for capturing data to PC, optional Windows® compatible software (407752)
- Large backlit display with analog bargraph
- Auto/Manual ranging and MIN/MAX readings
- Analog AC/DC outputs for connection to a recorder
- Tripod mount (optional TR100 Tripod – sold separately)
- Complete with microphone wind screen, 9V battery and case



Features Record and Alarm LEDs, tripod, and USB connectivity



### 407760 USB Sound Level Datalogger

High accuracy datalogging of up to 129,920 records

- Designed to meet ANSI and IEC 61672 Class 2 standards
- USB interface for easy setup and data download
- Selectable data sampling rate
- Records readings with real time clock
- Two start methods: programmed (from PC) or manual
- Tripod mount feature
- Complete with 3.6V Lithium battery (42299), Windows® compatible software, USB cover, tripod, and windscreen



### HD600 20,000 Point Datalogging Sound Level Meter

Double Molded housing with USB port

- ±1.4dB accuracy
- Meets ANSI and IEC 61672-1 Type 2 standards
- Capture up to 10 readings/sec when connected to a PC
- Datalogging capability up to 20,000 records at speeds from 1/sec to 1/59sec
- Records readings with real date and time stamp
- MIN/MAX and Data Hold
- USB port includes PC software
- Tripod included for convenient field use
- Auto power off with disable capability
- Complete with AC Adaptor, Windows® compatible software with USB cable, wind screen, tripod, built-in stand, hard carrying case, and 9V battery



### SDL600 Data Logging Sound Level Meter with SD Card

Datalogging capability using SD memory card

- ±1.4dB accuracy
- Meets ANSI and IEC 61672-1 Type 2 standards
- Auto or Manual ranging
- External data storage in Excel® format on an SD card (included) for easy transfer to a PC
- User programmable sampling rate from 1 to 3600 seconds
- Records readings with date and time stamp
- Internal memory stores 99 readings manually
- Min/Max, Peak Hold, and Data Hold functions
- Auto power off with disable capability
- Complete with SD Card, wind screen, 6 AA batteries, and hard carrying case; Optional AC Adaptor UA100-240



### 407780A Integrating Sound Level Datalogger with USB Interface

Leq and SEL measurements with built-in datalogger and PC interface

- Meets Type 2 standards (ANSI S1.4-1983, IEC 60651, EN 60651)
- Datalogs up to 32,000 records
- Programmable integrating time; Real time calendar/clock
- Linearity over wide range (100dB)
- Display modes: SPL, SPL MIN/MAX, SEL, and Leq
- Impulse/Fast/Slow response time
- Analog and alarm output can be used to connect with Frequency analyzers and chart recorders
- Tripod mount (optional TR100 Tripod – sold separately)
- Includes windscreen, adjustment screwdriver, USB cable, Windows® compatible software, battery, and case; (Optional AC Adaptor - see p. 122)

SPECIFICATIONS	407750 N	407760 N	HD600 N	SDL600 N	407780A N	SPECIFICATIONS
Range	30 to 130dB	30 to 130dB	30 to 130dB	30 to 130dB (3 ranges)	30 to 130dB	Range
Basic Accuracy	±1.5dB (Type 2)	±1.4dB (Type 2)	±1.4dB	±1.4dB	±1.5dB	Basic Accuracy
Weighting (A & C)	Yes	Yes	Yes	Yes	Yes	Weighting (A & C)
Response Time (Fast/Slow)	Yes	Yes	Yes	Yes	Yes	Response Time (Fast/Slow)
Condenser Microphone	0.5" (12.7mm)	0.5" (12.7mm)	0.5" (12.7mm)	0.5" (12.7mm)	Detachable 0.5" (12.7mm)	Condenser Microphone
Analog Output	AC/DC	—	AC/DC	AC	AC/DC	Analog Output
PC Interface	Yes	Yes	Yes	Yes	Yes	PC Interface
Datalogging	—	129,920 Records	20,000 Records	Datalogging using SD card	32,000 Records	Datalogging
CE approved	Yes	Yes	Yes	Yes	Yes	CE approved
Dimensions/Weight	10x3.1x1.5" (256x80x38mm)/8.5oz (240g)	5.1x1.1x0.9" (130x30x25mm)/1oz (20g)	10.9x3x2" (278x76x50mm)/12.3oz (350g)	9.8x2.9x1.9" (250x73x48mm)/18.3oz (520g)	10.4x2.8x0.8" (265x72x21mm)/10.9oz (310g)	Dimensions/Weight
Warranty	1 year	1 year	3 years	3 years	1 year	Warranty

**N** NIST traceable certificate with data is available when you order your meter with Certificate Traceable to NIST. Look for this symbol **N** next to product part numbers.

