

PRODUCT FEATURES FOR THE NOISEPRO

► ACCURACY:	NOISEPRO	NOISEPRO DL	NOISEPRO DLX	NOISEPRO DLX-1
Class/Type 2	•	•	•	
Class/Type 1				•
► TIME HISTORY RESOLUTION:				
1 minute		•	•	•
1, 5, 10, 15, 30 seconds			•	•
1, 5, 10, 15, 30 minutes			•	•
1 hour			•	•
► NUMBER OF DOSIMETERS PER RMS CHANNEL:				
Two	•	•	•	•
Four			•	•
► TIME HISTORY STATISTICS PER DOSIMETER:				
Lavg/Leq, FastMax & SlowMax		•	•	•
FastMin, SlowMin, Fast Ceiling Count, Slow Ceiling Count, Lpeak			•	•
► TIME HISTORY STATISTICS SELECTION:				
Each Statistic can be turned on or off			•	•
► DATA AVAILABLE VIA PC DOWNLOAD:				
Same as via Display	•	•	•	•
Statistical Distribution			•	•
Time History		•	•	•
Recalculated Exposure Data	•	•	•	•
► ALARM SET POINTS:				
Overall TWA value of dosimeter #1	•	•	•	•
Any time history interval Lavg/Leq for dosimeter #1		•	•	•
► AUTO-RUN ACTIVATORS:				
(1) or (2) daily runs with choice of days of week	•	•	•	•
(1) One-time run	•	•	•	•
Up to (4) One-time runs			•	•
► AUTO-STOP:				
Any HH:MM:SS duration			•	•
► DATA STORAGE:				
Non-volatile memory retention with batteries removed	•	•	•	•
Minimum (40) hrs time history capacity with all data saved		•	•	•
Data from up to (5) other dosimeters in Series			•	•
► DATA COMMUNICATIONS:				
Infrared Serial Interface @ 115kbps	•	•	•	•
RS-232C		•	•	•
Remotely retrieve and view data from any unit in series			•	•

\*All Specifications Subject to Change



The System Solution Software



*QuestSuite Professional II Software provides the ultimate “System Solution” for recording, reporting, charting and analyzing exposures to a variety of occupational and environmental hazards. With QuestSuite, there are no more headaches of learning different programs or switching between multiple software applications. Just one simple, yet robust system solution for all of our rugged Quest instruments.*

NoisePro<sup>®</sup>  
PERSONAL NOISE DOSIMETER



Worldwide Headquarters - 1060 Corporate Center Drive - Oconomowoc, Wisconsin 53066 USA  
262.567.9157 - 800.245.0779 - [www.questtechnologies.com](http://www.questtechnologies.com)



ISO 9001:2000 Registered Company  
ISO 17025 Accredited Calibration Lab  
098-545 Rev. C 01/08

Since 1969

Since 1969



The NoisePro Series of personal noise dosimeters present a highly rugged range of proven reliable instruments. The various models have progressive levels of features for basic to enhanced data collection.



# Noise is one of the most prevalent

occupational health hazards found in the workplace. Repeated exposure to unsafe noise levels is the leading cause of hearing loss among workers. Noise can also reduce worker concentration and inhibit communications, creating added risks of injury and even death.

## Key Features

### NOISEPRO

- Up to 2 independent dosimeters in one
- Optional vibrating alarm
- Class/Type 2 accuracy
- Programmable twice daily or (1) one time scheduled runs
- Optional QuestSuite® Professional II with virtual docking station
- Real-time compliance indicator
- English, Spanish, German, French, and Italian languages
- Optional boom microphone
- Microphone removal detection
- IP-65 rated, industrial grade cast aluminum case
- High-Speed infrared RS-232 communications

### NOISEPRO DL

- All of the features of the NoisePro®, plus time history

### NOISEPRO DLX

- All of the features of the NoisePro® DL, plus up to 4 independent dosimeters in one
- Statistical distribution profiling via QuestSuite® Professional II
- Programmable twice daily or up to (4) one-time scheduled runs
- Available in Class/Type 1 or 2
- Data shuttle carries results from multiple dosimeters in the field or on the plant floor back to your computer
- Expanded time history data



The easy-to-use NoisePro® Series Dosimeters are a range of instruments with progressive levels of data gathering capabilities in order to meet your specific information requirements. Together with QuestSuite® Professional II applications software, the NoisePro® Series goes beyond compliance to serve the needs of hearing conservationists.

- An optional vibrating belt clip can be used to prompt the use of hearing protection when required or the termination of exposure when daily limits are reached.
- Go/No-Go screen icons provide workers real-time indication of exposure status further enabling improved self-management of exposures.
- QuestSuite® Professional II software allows users to simulate the effect of administrative control measures prior to implementation.

QuestSuite Professional II virtual docking station allows you to easily program and retrieve data from an entire group of dosimeters via wireless infrared link. No more time wasted manually connecting and transferring information one dosimeter at a time.

## SPECIFICATIONS FOR THE NOISEPRO

▶ MEASUREMENT RANGE:	40 to 110 dB RMS, 70 to 140 dB RMS, 115 to 143 dB Peak
▶ DYNAMIC RANGE:	70 dB RMS, 28 dB Peak
▶ AMPLITUDE RESOLUTION:	0.1 dB
▶ DOSE RESOLUTION:	0.001% to 9999%, auto-scaling always shows 4 digits
▶ STATISTICAL DISTRIBUTION RESOLUTION:	0.1 dB increments for fast & slow
▶ NUMBER OF CHANNELS:	(1) RMS, (1) Peak
▶ FREQUENCY WEIGHTING PER CHANNEL:	RMS: A or C, Peak: A, C or Z
▶ TIME CONSTANT PER DOSIMETER:	Slow or Fast may be selected for each dosimeter. If impulse is chosen it will be applied to all.
▶ EXCHANGE RATE PER DOSIMETER:	3, 4, 5 or 6 dB
▶ CRITERION LEVEL PER DOSIMETER:	40 to 140 dB in 1 dB increments
▶ CRITERION TIME PER DOSIMETER:	1 to 24 hours in 1 hour increments
▶ PERSONAL NOISE EXPOSURE LEVEL TIMES PER DOSIMETER:	1 to 18 hours in 1 hour increments
▶ THRESHOLD LEVEL PER DOSIMETER:	Off or any threshold from 40 to 140 dB in 1 dB increments
▶ UPPER LIMIT VALUE PER DOSIMETER:	40 to 140 dB in 1 dB increments
▶ CEILING LIMIT VALUE PER UNIT:	(1) FastMax and (1) SlowMax, 40 to 140 dB
▶ DATA LABELS PER UNIT:	ISO/IEC or basic (U.S.) nomenclature
▶ # OF SETUP FILES IN MEMORY:	(5) Factory-defined and (4) User-defined
▶ DATE & TIME:	DD/MM/YYYY; HH:MM:SS AM/PM or 24-hr clock
▶ DATA AVAILABLE VIA DISPLAY:	Setup filename, Pre-calibration date & time, Post-calibration date & time, SPL, Avg/Leq, Peak, SlowMin, SlowMax, FastMin, FastMax, TWA, Projected TWA, Dose, Projected dose, SEL, Exposure, Run time
▶ KEYPAD COMBINATION LOCK:	(2) User-defined 4-digit codes, (1) for run/stop access, (1) for setup access
▶ DISPLAY:	Backlit 128 x 64 pixel graphical LCD
▶ LANGUAGES:	English, Spanish, German, French, Portuguese, and Italian
▶ REPORTS:	Via QuestSuite®Professional II or RS-232C transmission of "Smart Report" to HyperTerminal
▶ SIZE:	2.7" x 5" x 1.5" (68.6mm x 127mm x 38.1mm)
▶ WEIGHT:	14 ozs., (369g.)
▶ POWER:	Typically (70) hrs from (2) AA disposable alkaline batteries
▶ MECHANICAL:	Industrial-grade cast aluminum, IP-65 rated case. Removable belt clip with tripod mounting adapter.
▶ OPERATING TEMPERATURE RANGE:	-10° to +50° C, +14° to +122° F
▶ STORAGE TEMPERATURE RANGE:	-25° to +60° C, -13° to +140° F
▶ HUMIDITY RANGE:	0 to 95% non-condensing
▶ INTRINSIC SAFETY CERTIFICATIONS:	UL, cUL, MSHA, Ex, ATEX
▶ PRODUCT STANDARDS:	CE Mark, EN 61252, ANSI S1.25
▶ SOFTWARE COMPATIBILITY:	QuestSuite®Professional II and HyperTerminal
▶ OPTIONAL FEATURES:	Vibrating alarm belt clip and boom microphone