

Rental – Personal Noise Dosimeters

Quest Technologies NoisePro DLX

The new NoisePro DLX dosimeters are for professionals responsible for occupational hearing conservation. The convenient Go/No-Go Screen Icons provide technician and worker-friendly indications of exposure status. Powerful QuestSuite Professional Application Software enables the user to perform Engineering and Administrative Controls Simulation prior to their purchase or implementation. This includes task-based assessments using dosimetry and/or sound level meter studies.

Numerous programmable settings serve a variety of applications. Settings can be auto-configured to meet specific regulatory standards by simply selecting the standard's name from a list of pre-defined setups. User-specified setups may also be defined and deployed. Multiple Virtual Dosimeters in each instrument permit assessments against more than one standard simultaneously. A large, backlit, graphical display shows measured and calculated parameters in an easy-to-understand format. The datalogging capability of the NoisePro DLX allows tremendous insight into the profile of noise exposure by providing 1-second time history interval data throughout the duration of a test.

FEATURES

- Class/Type 2 Accuracy
- IP-65 Rated, Industrial-Grade Cast Aluminum Case
- Large, Backlit Liquid Crystal Display
- Auto-Configuration to Standards
- Real-Time Compliance Indicator
- High-Speed Infrared RS-232 Communications
- High Capacity Non-Volatile Data Storage
- Listed Intrinsically Safe
- Up to 4 Virtual Dosimeters in One
- Real-Time Clock & Calendar
- Programmable Twice Daily or Up To 4 One-Time Scheduled Runs
- Infrared Retrieval of Data From Other NoisePro Monitors
- Multilingual QuestSuite® Professional PC Software:
 - English, Spanish, German, French, Italian and Portuguese
 - Reporting and Recordkeeping
 - Virtual Docking Station
 - Calibration Management
 - Exposure Recalculation
 - Administrative/Engineering Controls Assessment
 - Statistical Distribution Profiling
 - Expanded Time History Data



OPERATION

QuestSuite's Virtual Docking Station allows you to effortlessly and automatically 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. The NoisePro DLX's Data Shuttle carries results from multiple dosimeters in the field or on the plant floor back to your computer. You can easily turn dosimeters around between work shifts and quickly get them on the next group of workers to be monitored.

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.
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SPECIFICATIONS

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 for each or Impulse for 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 hours increments
Threshold Level per dosimeter:	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 Slow Max, 40 to 140 dB
Data Labels:	ISO/IEC or Basic (U.S.) nomenclature
# of Setup Files in Memory:	5 factory-defined and 4 user-defined
Date & Time:	DD/MMM/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, Lavg/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, Italian and Portuguese
Size:	2.7" x 5" x 1.5" (68.6mm x 127mm x 38.1mm)
Weight:	14 ozs. (369g.)
Power:	Optimally 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 Agency Listing:	UL, cUL, Ex, ATEX, MSHA (pending), SIMTARS (pending)
Product Standards:	CE Mark, EN 61252, ANSI S1.25
Software Compatibility:	QuestSuite® Professional
Accuracy:	Class/Type 2
Time History Resolution:	1 minute, 1, 5, 10, 15, 30 seconds, 1, 5, 10, 15, 30 minutes, 1 hour
Number of Virtual Dosimeters:	Four
Time History Statistics:	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, receive data from other dosimeters in series
Data Communications:	Infrared Serial Interface @ 115kbps, remotely retrieve data from any unit in series

Specifications subject to change without notice

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