Larson Davis
A PCB Group Co

Spark™ 706 Noise Dosimeter

- **Smarter**
- **Faster**
- **Lighter**
- **Better**

The Spark™ 706 personal noise dosimeter makes workplace noise exposure measurements more convenient and cost-effective than ever before. Combining a full range of advanced features with an ergonomic design, the ultra-compact 706 is well accepted by workers in addition to Industrial Hygiene and Safety professionals everywhere.

Constructed in a tough yet lightweight housing similar to that of a cellular phone, Spark™ dosimeters are certified as intrinsically safe for rugged, "go-anywhere" use. The 706's bold, graphical LCD display provides back lighting on demand for high visibility in any environment, and operator prompts are displayed in "plain English" - for fast, easy setup and simple control.

With multiple simultaneous dose calculations, ceiling and peak level displays, as well as continuous data logging, the 706 computes compliance results for any standard, present or proposed - and with quick IR download using Blaze™ software, a selection of concise, easily understood reports and color graphs are created for your review.

All Spark™ dosimeters deliver an incredible battery life of over 100 hours continuous use on just two AA alkaline cells - saving money and maximizing your sampling time. And, with available **'I2CU'***, multiple dosimeter data retrieval is made fast and easy.

These advanced new capabilities join together with a modest price to make the Spark 706 a superior value for practitioners of occupational noise monitoring programs.

*I2CU - *Interactive Infrared Communication Utility*

FEATURES
Universal noise exposure measurements using your choice of multiple dose parameters
Compact, lightweight, and easy to use
Incredible battery life
All models intrinsically safe
High speed data transfer without a cable
Delivers outstanding reports and analysis through Blaze software
Massive memory allows more than a week of sampling - on all three shifts
Detachable microphone and preamplifier

Spark Family of Dosimeters

There are five Spark models available with a full range of capabilities—choose from basic dataloggers with no display, display-only units, or take advantage of the power of **I2CU** with multiple unit "Combo-paks"!

703   703+   704   706   706RC

Spark™ 706 Noise Dosimeter

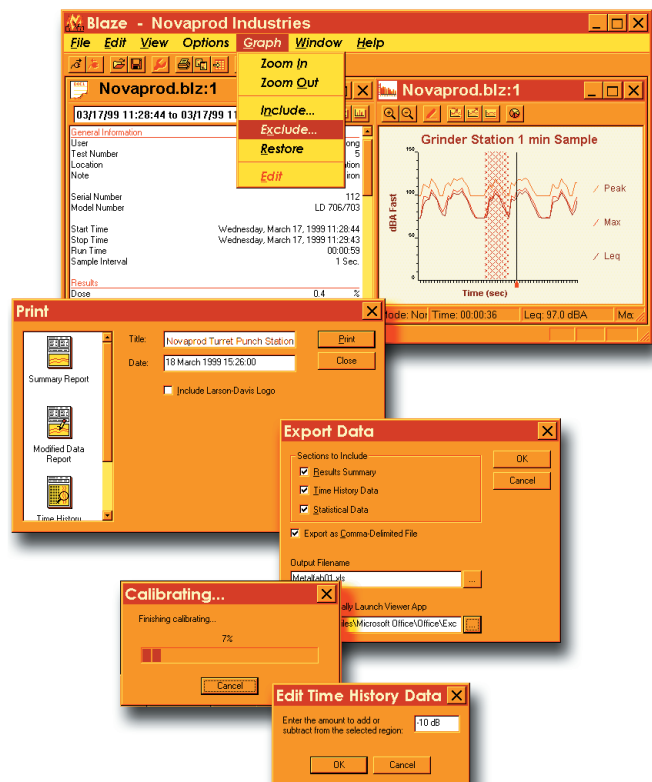| MODEL	DESCRIPTION	MAJOR FEATURES
703	Logging dosimeter (excluding LCD and keypad for maximum security and lowest cost)	Downloads basic and summary reports to PC. The 703 is controlled by the PC with Blaze™ software
703+	☞Fully featured logging dosimeter with remote response capability (excluding LCD and keypad for maximum security)	Complete report generation and setup using Blaze™ software. Can be operated and interrogated by the 706RC.
704	Fully featured stand-alone dosimeter with LCD and keypad. Designed for quick and easy measurements (no download capability).	Displays complete overall data. Measures 4 different doses, each with unique user defined settings.
706	☞Fully featured stand alone dosimeter with LCD, keypad and remote response capability	Complete report generation and setup using Blaze™ software. Can be operated and interrogated by the 706RC.
706RC	☞Fully featured dosimeter with LCD, keypad and remote control capability. Offers 4 MB memory capacity.	Full report generation and setup using Blaze™ software. Gives surrogate display for 703+ or 706. The remote control function allows setup and control of other remote response Sparks. Interrogates and stores data from multiple dosimeters.

☞ With I2CU

Noise Exposure Analysis Software for Spark™

For creating first-class reports and identifying at-risk population groups, Spark's companion Blaze™ Software is unbeatable - need a concise OSHA compliance report and a clearly understood color graph of work-shift exposure combined on one page? Just click and there it is - with overexposure conditions clearly marked. Want to illustrate the effectiveness of proposed controls on that very same page? It's done in a snap! New regulations looming? Don't worry, with the dose re-calculation function, you've got it covered!

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SPECIFICATIONS (706 ONLY)

Measurement range: 40 to 143 dB (RMS); 80 to 146 dB (peak) typical
Max peak level: 146 dB SPL
Detectors: Slow, fast, and peak
Frequency weighting: A, C, Unweighted (Peak)
Microphone: 3/8" electret
Memory: 1MB, non-volatile
Clock/calendar: Month, day, year, hh:mm:ss, 98 events timers
Power supply:
    Internal: Two AA batteries, 100 hr operation
Dimensions: 5.5" L x 2.5" W x 1.25" D
Weight: 8.4 oz. (238 g)

Standards met:
ANSI S1.4 - 1983, ANSI S1.25 - 1991, IEC 60651 - 1993, IEC 60804 - 1993, IEC 61252 - 1993

CE compliant
Intrinsic Safety Standards Met:
ANSI/UL 913, ANSI/UL 2279 part 11
CSA-157, CSA-E70-11 (Canada)
IEC 60079-11
EN 50020 (Europe)

706 Accessories (included)

MPR001: Detachable prepolarized electret microphone
I706.01: User Manual
0255.0005: Two AA batteries
CCS018: Form-fitting pouch with belt clip
3910.0014: Mic Clip
WS002: Windscreen

706 Accessories (optional)

DVX008: PC external infrared data acquisition (IrDA) serial adaptor
CAL150: Calibrator with 94 or 114 dB output @ 1 kHz
SWW_BLAZE: Blaze™ analysis software