



## The 1900/2900

The Quest 1900 (Type 1) and 2900 (Type 2) integrating sound level meters are the premier products within our Advanced Series of Sound Level Meters.

The 1900 provides Precision Type 1 accuracy while the 2900 provides General Purpose Type 2 accuracy.

Each of these meters incorporate an internal datalogger allowing you to store one or multiples of sound studies in the field for later printing or download to a computer.

Optionally, a second RMS circuit simultaneously measures both "C" and "A" weighted SPL, calculates the difference and provides the result for display or printout.

### 1900 - 2900 Technical Specifications

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**Integrating:**

Yes

**Datalogging:**

Yes

**Measurement Range:**

Meter Only: 30 to 140 dBA

With External Filters: 0 to 140 dBA

**Microphone:**

Size 0.5" (1 cm)

Detachable Preamp

Maximum Cable Length 50 Ft. (15 m)

**Frequency Weighting:**

A, C, Lin

**External Filters:**

Optional

**Response Time Constants:**

Fast

Slow

Impulse

Peak

**Outputs:**

AC/DC

RS-232

Parallel Printer

**Temperature Range:**

Operating: 14 to 122°F (-10 to 50°C)

Storage: -4 to 140°F (-20 to 60°C) (battery removed)

**Batteries:**

(2) 9V Alkaline

1900: (16 Hrs, 8 Hrs with Filter)

2900: (29 Hrs, 11 Hrs with Filter)

**Size:**

3.3" x 8.2" x 1.8" (8.5 x 21 x 4.7 cm) (add 0.5" for microphone)

**Weight:**

24 oz. (680 g)

**Standards:****1900:**

Type 1, ANSI S1.43-1997, IEC60651-1979, IEC60804-1985,  
PTB, CE Mark

**2900:**

Type 2, ANSI S1.43-1997, IEC60651-1979, IEC60804-1985,  
PTB, CE Mark

\*Model 2900UL Carries UL Class I, Groups C & D and MSHA 2G

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