



**QUEST**

# 2900 Integrating Datalogging Sound Level Meter

Prod # 3017

The **Quest 2900** (Type 2) Integrating/datalogging sound level meter enables the use of "A", "C" or linear weighted sound levels using a choice of exchange rates. With the use of 1/3 or 1/1 octave band studies, integrating all the information together in one file is easy.

The hand-held 2900 is ideal for compliance, noise control analysis, traffic studies, worker exposure profiles and almost any industrial or community noise measurements.

### Features:

- User controlled logging
- Wide selection of studies
- Response & Weighting options
- Easy to operate
- Integration and Logging capabilities
- Battery protected memory

### Applications:

- Environmental noise monitoring
- Noise measurements in work areas
- Compliance studies
- Noise control analysis
- Traffic studies

### Accessories:

- **Standard**
  - Windscreen
  - Calibrator
  - Carrying case
  - Manual
  - Octave band filter

*Also Available for Purchase. See last page of catalog for details*

### Specifications:

Standards	: IEC 651 – 1979 Type 2 : IEC 804 – 1985 Type 2 : ANSI S1.4 – 1983 Type 2
Microphone	: Precision 0.5" prepolarized condenser microphone.
Measuring Ranges:	: 20 -140 dB in seven 60 dB ranges : Meter only, 30 to 140 dBA : With filter sets, 0 to 140 dB
Exchange Rates	: 3, 4, 5, or 6 dB exchange rates
Power	: 2 x 9V alkaline batteries
Battery Life	: 18 hr (10 hr with filter set)
Operating Cond	: Temperature -10°C to +50°C : RH 0-95% (non-condensing)
Dimensions	: 8.4 cm x 20.8 cm x 4.7 cm
Weight	: 680 g (24 oz.)

### Model OB-300 Octave Band Filter Set

Standards	: Meets or exceeds ANSI S1 .11 -1986. Order 3, Type 2, Sub-type C and IEC R225-1966.
Frequencies	: (1/3 mode) 33 frequencies 12.5 Hz to 20 kHz (1 / 1 mode) 11 frequencies 16 Hz to 16 kHz
Selection	: Full manual control or automatic sequential
Size	: 8.4 cm x 10.7 cm x 4.6 cm : (3.3" x 4.2" x 1.8")
Weight	: 225 g (9 oz)
Power	: From sound level meter

