

Casella CEL

## Casella CEL-350 dBadge Personal Noise Dosimeter

Pine Item #54502

### DESCRIPTION:

The CEL-350 dBadge from Casella is available to hire and is ideal for personal noise exposure measurements in the workplace. Lightweight and unobtrusive CEL-350 dBadge personal noise dosimeter has the added benefit of requiring no cables or additional equipment to operate. All necessary workplace noise parameters are measured and can be internally stored for subsequent download to PC with the supplied software. Both intrinsically safe (IS) and non-IS versions of this dosimeter are available to hire.

### FEATURES:

- No cables to damage or get in the way
- Measures and logs all workplace noise parameters
- 28 hour battery life fully charges in 90 minutes
- Integrated display and visual exposure alarm
- Simple auto-calibration function
- Comprehensive software package
- Pro mode displays dose and projected dose values
- Run duration timers
- Intrinsically safe models available for use in hazardous atmospheres
- Simultaneous C and A weighted measurements on the dBadge Plus
- Compact rugged (rubber overmoulded) design weighs only 71g

### APPLICATIONS:

- Measuring Personal Noise Exposure
- Assessing and Monitoring Noise in the Workplace
- Ensuring Compliance with Workplace Noise Regulations
- Measurements According to ISO9612: 2009



**Contact a Pine branch near you to request a quote or place an order**

VISIT OUR U.S. AND CANADA WEBSITES TO FIND A BRANCH NEAR YOU

**United States**

[www.pine-environmental.com](http://www.pine-environmental.com)

**Canada**

[www.pine-environmental.ca](http://www.pine-environmental.ca)

## Product Specifications

<b>Measured Parameters:</b>	NULL
<b>ISO:</b>	LAeq LCpeak d Pa2 Hours Projected 5dose (Q=3)
<b>OSHA:</b>	LAavg (Q=5) LZpeak LASmax %dose (Q=5) TWA
<b>General:</b>	LAFmax LAFmin LASmin
<b>Time History:</b>	LAeq LZpeak LCpeak Laavg (Q=5)
<b>Storage:</b>	All parameters simultaneously
<b>Linear Operating Range:</b>	65.0 to 140.3dB RMS
<b>Peak Measurement Range:</b>	95.0 to 143.3dB Peak
<b>Frequency Weightings RMS:</b>	A
<b>Frequency Weightings Peak:</b>	C A Z (linear)
<b>Time Weightings:</b>	Slow Fast and Impulse
<b>Amplitude Weightings:</b>	Q=3 & Q=5
<b>Memory Capacity:</b>	64kB (180 hours of measurement)
<b>Default Modes:</b>	ISO or OSHA
<b>Calibration Information:</b>	Calibration dates times and levels
<b>Display:</b>	Graphic LCD
<b>Output:</b>	Infra-red download cable to dB35 software
<b>Power Supply:</b>	Internal NiMH cells
<b>Battery Life:</b>	32 hours run capacity
<b>Operational Temperature:</b>	0 to 40°C
<b>NULL</b>	NULL
<b>Dimensions</b>	US: 2.8 x 1.8 x 2.0in Metric: 72 x 47 x 52mm



Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan