

CEL-350 dBadge variants

Feature mix	CEL-350 Lite	CEL-350	CEL-352 Plus
Accuracy ANSI/IEC class 2	Yes	Yes	Yes
Measurement range rms. dB	65 – 140	65 – 140	65 – 140
Measurement range peak dB	95 – 143	95 – 143	95 – 143
Frequency weightings for rms	A	A	A & C
Frequency weightings for peak	A, C & Z	A, C & Z	A, C & Z
Time weightings	S, F & I	S, F & I	S, F & I
Amplitude weightings	3 & 5	3 & 5	3 & 5
LC-LA difference level	No	No	Yes
Maximum level dB	S, F & I	S, F & I	S, F & I
Time of maximum level hh:mm:ss	Yes	Yes	Yes
Minimum level dB	S, F & I	S, F & I	S, F & I
Time of minimum level hh:mm:ss	Yes	Yes	Yes
Default thresholds 80 and 90 dB	1 dB steps	1 dB steps	1 dB steps
Adjustable threshold level 70 to 90 dB	1 dB steps	1 dB steps	1 dB steps
Time Average level Leq (Q=3)	A	A	A & C
Time Average level Lavg (Q=5)	A	A	A
TWA level	A	A	A
LEP,d level	A	A	A
Peak level	A, C & Z	A, C & Z	A, C & Z
Time of peak level hh:mm:ss	Yes	Yes	Yes
Adjustable criterion level 70 to 90 steps	1 dB steps	1 dB steps	1 dB steps
Actual Dose %	Yes	Yes	Yes
Projected Dose %	Yes	Yes	Yes
Default criterion time 8 hours	Yes	Yes	Yes
Adjustable criterion time 1 hour to 24 hours	Yes	Yes	Yes
Lex,8	Yes	Yes	Yes
Pa2sec	Yes	Yes	Yes
Pa2hours	Yes	Yes	Yes
LAE sound exposure level	Yes	Yes	Yes
1 minute time history sampling	No	Yes	Yes
1 minute Leq level	No	Yes	Yes
1 minute Lavg level	No	Yes	Yes
1 minute C peak level	No	Yes	Yes
1 minute Z peak level	No	Yes	Yes
Automatic acoustic calibration	Yes	Yes	Yes
Date and time of pre run calibration	Yes	Yes	Yes
Date and time of post run calibration	Yes	Yes	Yes
Calibration drift during run	Yes	Yes	Yes
2 line LCD display	Yes	Yes	Yes
Lockable user interface	Yes	Yes	Yes
Locking foam windscreen	Yes	Yes	Yes
Set of alligator & pin mounting clips	Yes	Yes	Yes