

Comparison of the CEL-350 MND with CEL-310 NDB

Feature	CEL-350	CEL-310
Accuracy ANSI S1.25 classification	2	2
Dynamic range (dB)	75	55
Measurement range (dB)	65 - 140	80 - 135
Stored parameters during run	Leq, Lavg, Lmx, Lmn, LCpk, LZpk, LE, TWA, LEP,d, Dose%, Pdose%,	Leq, Lavg, Dose%, Pdose%, TWA
Displayed results during run	Lp, Dur, %dose, Lavg	No
Alarm indications during run	3 stage Hi intensity LED	No
Low battery level warning	Yes	No
OSHA <u>and</u> ACGIH/ISO simultaneously	Yes	No (Either/Or)
Localization screen menu languages	Eng, Fre, Ger, Ita, Spa	No
Profiles available for time history recording	Yes	Yes
Profile recording interval	1 min	1 min
Number of profiles recorded	4	1
Profile values	Lavg (Q+5)	-
	LZpk	-
	Leq (Q=3)	Leq (Q=3)
	LCpk	-
Memory size	180 hours	24 hours
Maximum number of runs in memory	180	1
Controls on dosimeter	Yes 2 buttons	No (only from CEL-315)
Display on dosimeter	Yes (anytime)	No (only from CEL-315)
Indicator during run	96 x 26 graphic LCD with icons	Run in progress LED
Security lock during recording	Yes	Yes
Weight oz (gm)	<2.5 (68)	1.6 (46)
Size in (mm)	2.8 x 1.7 x 2.0 (72 x 47 x 52)	2 x 1.25 (47 x 30)
Field replaceable microphone	Yes	No
Calibrate with standard acoustic calibrator	Yes	No (CEL-315 only)
Maximum run time on full battery charge	32 hours	20 hours
Indication of available run time remaining	Yes via bargraph	No
Standard battery fitted	NiMH	NiCad
Recharging time from flat	1.5 hours	12 hours