



APPENDIX: PERFORMANCE PROFILE

Standards	<ul style="list-style-type: none"> ANSI S1.25:1991 IEC 61252:2017
Microphone	½ in, Type 2, ACO7052
Noise Measurement Range	70 to 140 dB, peak up to 143 dB
Weighting	A, C, and Z; peak C or Z
Response Time	Fast and slow
Exchange Rate	3, 4, or 5 dB
Virtual Dosimeters	Up to 4, programmable, OSHA HC, OSHA PEL, MSHA HC, MSHA PEL, ACGIH, or custom
Octave Filters	1/1 or 1/3 octave bands
Run Time	40+ hours
Data Logging	Every 1 sec or 60 sec
Data Storage	40 to 4000+ hrs depending on configuration
Voice Note	Up to 44 sec, can be disabled
Audio Recording	Audio recording of event when sound pressure exceeds set value, can be disabled
Status LEDs	Green, amber, blue, and white LEDs provide visual indication of dosimeter status from a distance
Security	<p>Cat. Nos. 701-001 and 701-001S only: User-selectable 4-digit PIN can be activated to secure access from mobile device</p> <p>All models: User-selectable 4-digit PNs can be activated to stop/pause the dosimeter</p>
Connectivity	<p>USB to PC with DataTrac dB Software</p> <p>Cat. Nos. 701-001 and 701-001S only: BLE to mobile device with SKC SmartWave dB app (<i>use of mobile app with intrinsically safe model may require an intrinsically safe mobile device</i>)</p>
Battery	Li-Ion* polymer rechargeable battery, 3.7 V, 1200 mAh
Charge Time	6 to 8 hrs
Charging Method	Charging dock, 100-240 Vac, 12 Vdc, 5 V USB
Display	Continuously on, TFT monochrome, front lit 1.8 in (45.72 mm), 9 lines of user-selectable data for each virtual dosimeter including: SPL, Lavg, Leq, Dose, Peak, TWA, projected dose and TWA, and exposure
Operating Temp. Range	32 to 122 F (0 to 50 C)
Humidity	Up to 95%, non-condensing
Dimensions	3.9 x 1.9 x 2 in (99 x 48 x 51 mm)
Weight	4.1 oz (117 gm)
RoHS	Compliant
Certifications/Markings for Intrinsically Safe Models	<p>Intrinsic Safety (SKC NoiseCHEK Models 701-001S and 701-001NBS)</p> <p>Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III, T4;</p> <p>Class I, Zone 0, AEx ia IIC T4 Ga;</p> <p>Ex ia IIC T4 Ga; -20°C ≤ T_a ≤ 45°C</p> <p> II 1G Ex ia IIC T4 Ga</p> <p>IECEx UL 21.0026</p> <p>DEMKO 21ATEX 2537</p> <p>UL22UKEX2456</p> <p>CE 0539</p> <p>UKCA 0843</p> <div style="text-align: right;">  </div>

*NoiseCHEK dosimeters are shipped with Li-Ion batteries and are subject to special shipping regulations.