

These noise dosimeters are well suited for most all industrial hygiene applications. Use the chart below to choose the model that fits your application. "IS" is the designation for Intrinsically Safe.

<b>Sound Meter Source LLC Professional Noise Dosimeter Applications Chart</b>	<b>SMS 350</b>	<b>SMS 352 Plus</b>	<b>SMS 350 IS</b>	<b>SMS 352 Plus IS</b>
Performing instantaneous industrial hygiene measurements as defined in IEC 651 and ANSI S1.4 using broadband A frequency weighting	√	√	√	√
Measurements for verification of compliance with Occupational Safety and Health (OSHA) and International Electrotechnical Commission noise exposure accumulation limits.	√	√	√	√
Making environmental noise measurements for overall employee safety considerations and industrial hygiene.	√	√	√	√
Measurements requiring traceability to National Institute of Standards and Technology (NIST) standards	√	√	√	√
Regular logging of A weighted time history samples at 1 minute intervals during the run	√	√	√	√
Acquiring data using Fast, Slow and Impulse time weightings depending on the nature of the environments	√	√	√	√
Logging of instantaneous data at specific intervals for workplace monitoring over time	√	√	√	√
Making environmental noise measurements for overall employee safety consideration and industrial hygiene using 8 hour time weighted average (TWA)	√	√	√	√
Making industrial hygiene noise measurements in hazardous potentially explosive environments where an "intrinsically safe" instrument is required as specified by ATEX, IECEx, US/Canadian FM/CSA.			√	√
Measurements comparing "A" and "C" frequency weighting for the purpose of selecting hearing protectors		√		√

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