

These sound level meters are well suited for most all sound and noise measurement needs. Use the chart below to choose the Model that fits your application.

| <b>Sound Meter Source LLC<br/>Professional Sound Level Meter Application &amp; Selection Chart</b>  | <b>SMS 240</b> | <b>SMS 242</b> | <b>SMS 244</b> | <b>SMS 246</b> |
|---|----------------|----------------|----------------|----------------|
| Performing instantaneous industrial hygiene measurements as defined in IEC 651 and ANSI S1.4 using broadband A and C frequency weighting (All models) | ✓              | ✓              | ✓              | ✓              |
| Verification of compliance to mandated noise 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  | ✓              | ✓              | ✓              | ✓              |
| General nuisance noise documentation  | ✓              | ✓              | ✓              | ✓              |
| Acquiring data using Fast, Slow and Impulse time weightings depending on the nature of the environments   | ✓              | ✓              | ✓              | ✓              |
| Traffic noise measurements  | ✓              | ✓              | ✓              | ✓              |
| Neighborhood noise complaints   | ✓              | ✓              | ✓              | ✓              |
| Product and machinery acoustic noise surveys  | ✓              | ✓              | ✓              | ✓              |
| Making environmental noise measurements for overall employee safety consideration and industrial hygiene using 8 hour time weighted average (TWA)     |                |                | ✓              | ✓              |
| Data logging over extended periods of time at regular specified intervals   |                | ✓              |                | ✓              |
| Logging of instantaneous data at specific intervals for workplace monitoring over time  |                | ✓              |                | ✓              |

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