

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.

Sound Meter Source LLC Professional Sound Level Meter Application & Selection Chart	SMS 620	SMS 621	SMS 630	SMS 631	SMS 632	SMS 633
Simple instantaneous measurements of sound pressure level with A, C or Z weight and sampled with slow, fast, impulse or peak time constants.	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options
Verification of compliance to mandated noise limits	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options
Making environmental noise measurements for overall employee safety considerations and industrial hygiene.	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options
Measurements requiring traceability to National Institute of Standards and Technology (NIST) standards	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options
General nuisance noise documentation	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options
Nuisance noise documentation of with LN% Statistics, calculating the noise levels that are exceeded LN% of the time. L% selectable as 10%, 50%, 90%, 95% or 99%.		A,B,C Options		A,B,C Options		A,B,C Options
Data logging over extended periods of time at regular specified intervals					A,B,C Options	A,B,C Options
Measurements using a remote microphone and preamplifier. These sound level meters may be used for outdoor sound measurements while the sound level meter is situated indoors or in a waterproof case.			A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options
General machinery or product development noise surveys where broadband spectrum analysis is sufficient.	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options	A,B,C Options
Noise source identification, machinery or product development noise surveys where 1 octave band frequency resolution is required to isolate noise sources	B,C Options	B,C Options	B,C Options	B,C Options	B,C Options	B,C Options
Noise source identification, machinery or product development noise surveys where 1 octave band or 1/3 octave band frequency resolution is required to isolate noise sources	C Option	C Option	C Option	C Option	C Option	C Option

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