Subject: Sound level meter
Posted by dreamer13 on Fri, 03 Jun 2016 08:53:40 GMT
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Is sound level meter an absolute tool in measuring audio/noise level? It looks small and simple so it probably can't replace the better system. I've heard that it's also used in noise pollution studies.

Subject: Re: Sound level meter
Posted by The Noise on Mon, 27 Jun 2016 02:37:25 GMT
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There are many different types for different applications, so I would say that yes, a sound level meter can be your ultimate tool.

http://www.bksv.com/Products/handheld-instruments/sound-level-meters/sound-level-meters

This is a professional outfit you might want to try if you're in the market for one. (Or some).

Subject: Re: Sound level meter
Posted by gofar99 on Wed, 29 Jun 2016 01:40:25 GMT
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Hi A better option is a calibrated microphone and feed it to a PC with a spectrum analyzer program. many are available and extremely useful in setting up systems in difficult rooms.

Subject: Re: Sound level meter
Posted by lilbill on Tue, 29 Aug 2017 12:47:37 GMT
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I've heard of the sound level meter being used in acoustic measurements. How different are sound level meters from dosimeters? Which one is often preferred over the other?

Subject: Re: Sound level meter
Posted by Zohanna on Tue, 24 Oct 2017 17:38:42 GMT
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Sounds very educational and interesting. I will definitely try this out. I am always looking for new ways to measure sound. I appreciate your expertise. Thanks.

Subject: Re: Sound level meter

Posted by WorkingWoman2017 on Mon, 06 Nov 2017 22:40:55 GMT
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Looks great. Do you happen to know what the cost range is for something like this? I'd rather have a professional piece than others.

Subject: Re: Sound level meter
Posted by George on Tue, 24 Mar 2026 06:09:31 GMT
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lilbill wrote on Tue, 29 August 2017 07:47I've heard of the sound level meter being used in acoustic measurements. How different are sound level meters from dosimeters? Which one is often preferred over the other?
Well, I would say that both dosimeters and sound level meters are devices that one can use to measure noise. They are just different tools doing the same job.

Sound level meters are handheld devices that provide a result of how loud a sound gadget is at the moment while it is inside a room. I would say I make use of it when I want to get an instant result. Dosimeter, on the other hand, is a small wearable tool that you can clip on your shoulder while walking around an area with the aim being to measure noise in different parts of the place.

So, in most cases, a lot of people go for dosimeters because it gives a clearer idea of noise measurement across a larger place, unlike what one can do when using sound level meter.

Both do the same work, depending on what you are trying to achieve.