

Entry-Level Sound Level Meters


CR:308


CR:310

**SIMPLE
NOISE
TESTING**

**NOISE
ORDINANCE
SURVEYS**

**FACTORY
MACHINE
TESTING**

**FIRE
ALARM
TESTING**

The all-new Cirrus CR:308 and CR:310 sound level meters are Class 2 devices that provide basic, entry-level noise measurements for a variety of applications. These meters meet the latest international standards and provide results that are reliable and accurate.

There's no setup or complicated configuration needed. Just switch on, calibrate and you're ready to go. It's that simple.

Key features:

- Simple to use
- A, C frequency and F, S time weighting measurements provided
- LMax and CPeak measurements available
- Custom adjustable noise level threshold (CR:308)
- Overall measurements include Leq and LEq8h (CR:310)
- Long battery life

Why choose Cirrus Research?

- 1) Providing sound solutions since 1970
- 2) UK-based in-house team of experts on-hand to offer help, support, guidance and training
- 3) Rental options available
- 4) Bespoke turn-key solutions available
- 5) We supply quality equipment that is trusted by customers all around the world

Specifications

Standards	IEC 61672-1:2013 Class 2	Weight	220g (including battery)
Measurement range	30 dB (A) ~ 130 dB (A) 40 dB (C) ~ 130 dB (C)	Power	2 x AA/LR6 1.5V batteries Or 5V DC via Mini USB
Frequency weighting	A and C	Battery life	24 hours
Time weighting	Fast (F) and (S)	Microphone	½" pre-polarised electret condenser type HY:205
Display functions	Normal, maximum, minimum, C peak	Operating temperature	0°C to +40°C
Measurement functions	LAF, LAS, LCF, LCS, LCpk Leq (CR:310), LEq8h (CR:310)	Operating humidity	25% ~ 90% Non-condensing
Display flags	Threshold limit, overload, under-range	Storage temperature	-20°C to +60°C
Display	Backlit 128x64 LCD, resolution 0.1dB	Dimensions	215mm×68mm×32 mm
Auto calibration range	±4.5dB	Accessories	External printer to log data collected (CR:310 only)



Don't let its simplicity fool you

The CR:308 and CR:310 have been designed as an accessible way into the world of noise and acoustic measurement. With a simple-to-use keypad and graphical display, it's incredibly easy to get used to, meaning you can begin making basic noise measurements without any training.

Available as a standalone meter or as a measurement kit

To make sure you've all the correct equipment at your side, ready to go, our meters are available as complete kits and include, as standard:

- Your sound level meter
- An acoustic calibrator
- A windshield
- Batteries

Why choose the CR:308?

The CR:308 is our simplest instrument, designed for those who just need to know live noise levels. One of the key features of the CR:308 is the custom threshold level that can be set at the press of a couple of buttons. If you need a visual indication of when a specific noise level has been breached, the CR:308 is an ideal entry point.

Why choose the CR:310?

The CR:310 adds more functionality to our entry-level range of sound level meters. As an integrating meter, the CR:310 can provide the average noise level (Leq) for a set duration; all you have to do is press the Start button when you want to begin the measurement period, and the stop button when you want to end it. Another feature that sets the CR:310 apart from many other meters is its ability to send results directly to a portable printer, allowing you to share data instantly.



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