



Pulsar Model 33 Real Time Analyser

High performance, compliant to the latest worldwide regulations and guidelines, user friendly and ideal for environmental, engineering and industrial noise applications the Model 33 delivers 'the' solution for the more discerning user.

Taking measurements is as simple as pressing the 'record' and then 'stop' buttons. The wide dynamic span of over 110dB in the single measurement range ensures that you never make invalid measurements that 'Overload' or 'Under range' which is especially important during 1:1 or 1:3 Octave Band Analysis. The Model 33 simultaneously measures all parameters with all frequency and time weightings; this gives users the confidence to know they will always have the correct data for subsequent analysis. Real time analysis allows users to measure all Octave Bands at the same time. This is very practical for reliable, accurate and rapid capture of variable noise levels to optimize environmental surveys.



Key Features

- Integrating sound level meter type 1
- Real time spectrum analyser, 1:1 & 1:3 octave
- Real time room noise evaluation
- Impulsivity measurement
- Storage of data in 64 Mb memory
- Direct printing via RS232
- Includes all software & cable for data retrieval
- Detachable preamplifier, for extension cables
- Two FULL Outdoor kits available



The model 33, while being very powerful, remains a very 'easy to use' instrument. It can function both as a Type 1 integrating sound level meter and as a real time spectrum analyser in one-third-octave band and octave band, with type 1 filters. The Model 33 has one single range, so there is no need for range control and it measures all it's functions simultaneously. These functions include everything needed to calculate the basic noise evaluation figures of most of the countries in the world. Basic metrics, include S, F and I functions, Equivalent continuous levels, Percentiles, Impulsiveness indexes, Peak levels, Sound exposure levels, Short Leq functions, etc.

The Model 33's graphic screen gives both graphical and numerical displays of the measured functions. The Model 33 has both RS-232 and USB ports. The USB port allows you to download quickly all the stored data and the RS-232 port allows you to configure communication ports through a modem (BTN or mobile) or wireless. A serial printer can be connected to the RS-232 port to print in real time all functions measured by model 33. The model 33 preamplifier is detachable, so it can be uncoupled from the meter body by using one of the extension cables and it also allows one of the outdoor kits WK1 or WK2 to be used for measurements in poor weather. With over 100 metrics measured or calculated at the same time, the model 33 is one of the most capable sound level meters available and with so many potential; applications, a separate data sheet is available listing many of these.

Pulsar Model 33 instruments are supplied with the powerful Pulsar 'Acoustic Toolbox' software that allows stored measurements to be downloaded to a PC for detailed analysis. You can then create custom designed templates to present your results in the most suitable style and format by exporting to Excel or Word .The 'Acoustic Toolbox' software facilitates the Graphical 'Live Display' of up to three parameters if the Model 33 is connected to your PC. Post-processing allows detailed 3-Dimensional Frequency Analysis Modeling to be performed using downloaded measurement data. This software is compatible with Windows 9x/Me/2000/NT/XP and Vista.

Pulsar Analyser Software is also supplied to enable the effortless creation of a variety of industrial noise reports.

The Model 33 is supplied as a measurement kit which includes the model 100 calibrator, windshield the RS232 cable and the software, plus operating manuals and spare batteries, all housed in a sturdy valise; it includes everything needed for immediate use.

Specialists in Safety: Noise Monitoring

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