



"Your Direct Source for Plant Maintenance, Reliability, Test & Measurement"

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Real Time Octave Band Analyzer



Type 2 integrating sound level meter
With Octave and 1/3 Octave Band Real Time Display

Features:

- Wide 100dB range of 30 to 130dB
- 160 x160 dot matrix backlit LCD displays
Leq, LE, Lmax, Lmin and Lp
- Built-in memory stores up to 12,280 records in SLM mode and 1024 data points in 1/1 or 1/3 octave mode
- Stored data can be easily transferred to a PC via RS-232 interface and analyzed using software & cable provided
- A, C and Flat weighting with Fast or Slow response
- 25Hz to 10kHz frequency response
- Meets ANSI and IEC Type 2 standards
- Internal self test when powered ON
- Detachable 0.52"(13.2mm) diameter condenser microphone and Tripod mount provided on rear
- Analog AC/DC recorder output
- Real time clock with Year, Month, Day, Hour, Minute and Second display
- Optional microphone extension cable for measurements in enclosures and other remote locations (407764-EXT)
- Complete with microphone wind cover, PC software on CD, Serial cable, four type C size batteries, adjustment screwdriver, 120VAC adaptor and carrying case


Applications:

- Real time analysis of noise from any source such as machinery or vehicles
- Monitor office or plant noise and store data for later reference and analysis
- Maintain noise level statistics for internal and external audits
- Perform machinery noise monitoring or use for noise reduction programs



Ordering Information:

407790 Octave Band Sound Analyzer
407790-NIST 407790 with NIST certificate
407764-EXT 15ft (4.7m) Microphone Extension Cable
40774494dB Sound Level Calibrator
40776694/114dB Sound Level Calibrator
USB100 RS-232 to USB Adaptor

		Complete with Windows® 95/98/NT/2000/ME compatible software, Serial cable, 4 x C batteries, mini screwdriver, 120V AC adaptor, and case.
Specifications		
Applicable standards	ANSI S1.4 Type 2, EN IEC 60651, EN IEC 60804, and EN IEC 1260-1995	
Accuracy	±1.5dB (ref 94dB @ 1kHz)	
Measurement range / function	30dB to 130dB / La, Lc, Lp, Leq, LE, Lmax, Lmin	
Frequency range	25Hz ~ 10kHz	
Sound level meter display	Integrating SLM: Digital, 4 Digits with Bargraph	
Real Time Analyzer display	Graphical, Bargraph with cursor	
1/1- 1/3 Analyzer level range	30 to 130dB	
1/1 Octave and 1/3 Octave	1/1 Octave band center frequencies: (9 bands); 1/3 Octave band center frequencies: (27 bands);	
Signal output	AC output: 2 Vrms (at full scale); DC output: 10mVDC/dB	
Power	Four type C size 1.5V batteries, External DC power: 6V, 1A	
Safety/Warranty	CE approved, one year warranty	
Dimensions/Weight	13.6 x 3.9 x 2.4" (345 x 100 x 60mm)/ 33.5oz (950g)	



Reliability Direct, Inc.

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