METROSONICS®

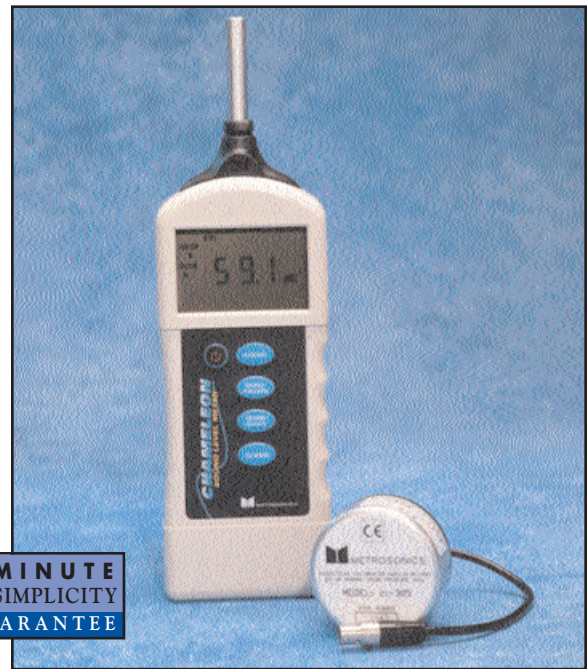*"Guaranteed Simple Solutions at an Affordable Price"*

CHAMELEON
Sound Level Meter

- **40 to 140 dB Measurement Range**
- **Fast, Slow and Impulse Response Modes**
- **"A" and "C" Weighting Modes**
- **Wide 100 dB Dynamic Range**
- **Low Battery Indicator**
- **Upgradeable Optional Feature Pack(s)**
- **Ultra-Low Power Electronics**
- **Metrosoft® Software**

5 MINUTE SIMPLICITY GUARANTEE

The Chameleon is a single instrument that adapts to the needs of both novice and advanced users. Every Chameleon comes standard with Feature Pack 1, providing the most basic functions of a sound level meter. Additional Feature Packs may be purchased separately to change the Chameleon's functionality. There are currently four Feature Packs available for the Chameleon. Load a different Feature Pack into the Chameleon at any time to expand its functionality. Feature Packs can be ordered with the Chameleon or at a later date and delivered to you electronically via the Internet.

The Chameleon is so simple-to-use we guarantee you will learn how to calibrate, start and stop the collection of data, view data and clear data in 5 minutes or less -- all without reading a cumbersome operators manual.

Each datalogging Chameleon is available with our Metrosoft® Software. This software lets you transfer data from the Chameleon to your computer where it can be stored for permanent records. The data can be imported into other Window® programs, such as Excel®, for data analysis and generating graphs and reports.

Feature Packs

Choose the interchangeable feature pack or packs that best suit your needs.

Feature Pack 1 Basic Meter (standard)		Feature Pack 2 Integrating Meter (optional)	
Measurement Data:		**Measurement Data:**	
• SPL	• Lmin	• SPL	• Lmin
• Lmax	• Lpeak	• Lmax	• Lpeak
• Battery Voltage		• Lavg (Leq)	• Battery Voltage
Setup Options:		• Elapsed Time	
• Fast, Slow or Impulse		**Setup Options:**	
• A or C Weighting		• Fast, Slow or Impulse	• A or C Weighting
• Calibration Level		• Calibration Level	• 3, 4, or 5 dB doubling

Feature Pack 3 Integrating Statistics Meter (optional)		Feature Pack 4 Integrating History Meter (optional)	
Measurement Data:		**Measurement Data:**	
• SPL	• Lmin	• SPL	• Lmin
• Lmax	• Lpeak	• Lmax	• Lpeak
• Lavg (Leq)	• Battery Voltage	• Lavg (Leq)	• Battery Voltage
• Elapsed Time	• Statistical Distribution	• Elapsed Time	• Time History
Setup Options:		**Setup Options:**	
• Fast, Slow or Impulse	• A or C Weighting	• Fast, Slow or Impulse	• A or C Weighting
• Calibration Level	• 3, 4, or 5 dB doubling	• Calibration Level	• 3, 4, or 5 dB doubling

Chameleon Specifications

Operating Range:	40 to 140 dBA 50 to 140 dBC	Noise Floor: 36.9 dBA Noise Floor: 44.9 dBC	
Dynamic Range:	100 dB		
Amplitude Linearity:	+0.7 dB		
Detector:	True RMS		
Peak Range:	43 to 143 dB		
Amplitude Resolution:	0.1 dB		
Standards:	CE Mark		

Batteries:	(1) One 9-volt alkaline battery, provides approximately 40 hours of operation and one year data retention
Temperature Range:	Operating: -22°F to 140°F (-30°C to 60°C)
Humidity:	95% non-condensing
Size:	3.1" x 1.75" x 7.6" (78.7m x 44.5m x 193m) excluding microphone
Weight:	11 oz. (312 g)

CE

Specifications subject to change without notice

cl-305 Calibrator

To ensure the accuracy of your Chameleon Sound Level Meter, the model cl-305 provides quick, precise calibration.

The cl-305 generates a stable acoustical signal at a controlled frequency and amplitude to verity the accuracy of the Chameleon.

The cl-305 is a general purpose calibrator that generates a constant sound pressure level of 102 dB at a fixed frequency of 1,000 Hz.

METROSONICS®

"Guaranteed Simple Solutions at an Affordable Price"

800.245.0779

ISO 9001 Registered