

MOXAR

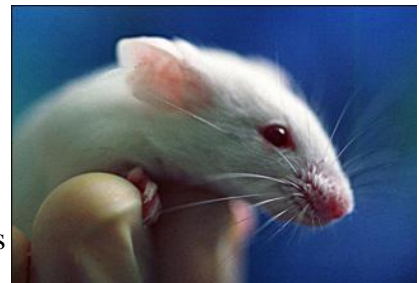
Modular Animal Respirometry System



GOLD STANDARD ANALYZERS FOR OVER 40 YEARS, WORLDWIDE

AEI Technologies manufactures single and multi-channel metabolic measurement systems providing everything you need to accurately measure energy metabolism by indirect calorimetry.

Perfect for studies on insects, amphibians, reptiles, birds, mammals, and humans. Proprietary software enables real-time data acquisition, which can be displayed in tabular form, or graphically. Data can also be exported to an Excel spreadsheet format for more in depth analysis



Key System Components

S-3A/I&II O₂ Analyzers

Single-Channel and Dual-Channel Analyzers continuously measures the concentration of oxygen.

- AEI High Accuracy: $\pm 0.01\%$ - S-3A/I
 $\pm 0.003\%$ - S-3A/II
- AEI Very Stable: $\pm 0.01\%$ O₂ in 24 hours
- AEI High Sensitivity: $\pm 0.001\%$ oxygen



CD-3A CO₂ Analyzer

Single-Channel and Dual-Channel Analyzers measurement of gases containing up to 15% CO₂

- AEI High Accuracy: $\pm 0.02\%$
- AEI Very Stable: $\pm 0.02\%$ CO₂ in 8 hours
- AEI High Sensitivity: $\pm 0.01\%$ carbon dioxide



R-4 Multi-Channel Switching

Designed to sample from multi-chamber test configurations in multiples of 4.



F-4140 Mass Flowmeter

Provides dependable $\pm 2\%$ accurate flow measurement over a wide 0.01-20 Std L/min range of flow rates with a fast 4 millisecond flow response.



MOXAR Data Acquisition Software

Flexible Windows based software provides real-time acquisition graphical and tabular data display, and export of data to a spreadsheet.



TECHNOLOGIES
Metabolic Measurement Systems

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