

# CWE Inc.

## Instruments for Biomedical Research

### SAR-1000 Advanced Small Animal Ventilator

- Pressure or Volume-cycled operation
- Wide tidal volume & rate range
- User-friendly set-up and operation
- Mouse to Guinea pig size
- Direct display of Tidal Volume & all parameters
- Remote control via USB port
- Safe with oxygen & anesthesia
- Multi-animal set-ups available



### Programmable Gas Mixer

#### Controlled Hypoxia or Hypercapnic Stimulus

***GSM-3 Programmable Gas Mixer blends any three gasses to create a user-programmed mixture.***

- Accurate Custom Gas Mixtures
- Stored programs for immediate retrieval
- Fast Response
- Stand alone or computer controlled
- Windows software included
- Software allows timed protocols



### Temperature Control

#### TC-1000 temperature control systems for mice & rats

- Systems include controller, thermistor probe, & heating pad
- Easy to use
- Proven reliability
- Accurate temperature control and monitoring
- Built-in Alarms



VENTILATE • ANESTHETIZE • ACQUIRE • MONITOR • MEASURE

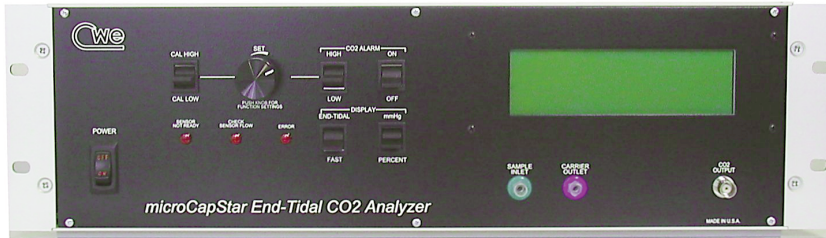


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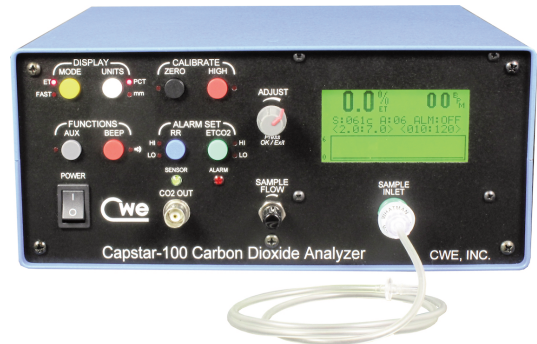
## End-tidal CO<sub>2</sub> Analyzers

CO<sub>2</sub> monitoring is widely recognized as an important measure of the respiratory status of experimental animals. It is useful in setting ventilator parameters, and serves to gauge depth of anesthesia in unassisted, spontaneously breathing animals as well.



**microCapStar end-tidal CO<sub>2</sub> analyzer for mice & larger animals**

- Fast Response
- Accurate and stable
- Ultra-low sample flow rate
- Linear output voltage & serial output
- Measures Respiratory Rate



**CapStar-100 end-tidal CO<sub>2</sub> analyzer for rats & larger animals**

- Fast Response
- ET or fast display
- Small sample flow rate
- Linear output voltage
- Excellent long-term stability

## Direct Blood Pressure Monitoring



**BP-100 Automated Direct BP Monitor**

- Mean, systolic, diastolic, & HR measurements
- Digital display of all measurements
- Standard system includes DTX-1 transducer & TC-GRA adapter cable
- Works with most standard BP transducers

## Bioamplifiers

**BMA-200 single channel, portable preamplifier**

- For all extracellular recording
- Battery or AC operation
- Low noise, wide gain range
- Built in audio amp & speaker
- True DC response with offset
- Rugged laboratory or field amplifier
- Stimulus passing to electrodes
- Input cable included



*Use the BMA-200 Bioamplifier with an ISO-Z Head-Stage for NPT measurements.*

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