



# SensorRAE

## Electrochemical Conditioning Station

### Compact and Portable Electrochemical Conditioning Station

The **SensorRAE** is a four-socket electrochemical (EC) sensor conditioning station. It keeps RAE Systems' EC sensors warmed up and ready for immediate use when they are not installed in a RAE Systems EC product. Responders often require a complete suite of EC sensors (CO, H<sub>2</sub>S, SO<sub>2</sub>, NO, NO<sub>2</sub>, Cl<sub>2</sub>, HCN, PH<sub>3</sub> and NH<sub>3</sub>), but may only use one or two sensors at a time in a particular detector. EC sensors must reach electrical stability to provide their best performance. While it takes just 10 minutes for a CO sensor to stabilize, it takes at least 6 hours for a NH<sub>3</sub> sensor (reference RAE Systems Tech Note 114). However, when a particular chemical threat is identified, the appropriate sensor needs to be ready for use immediately upon installation in a detector.

When a specific EC sensor is required, remove it from the **SensorRAE** and insert it into the RAE Systems detector. The standard alarm points and calibration values are automatically loaded into the detector. Reassemble the detector, turn it on, and calibrate the sensor, and it is ready for use. For the greatest safety and optimal performance, it is strongly recommended that a sensor be calibrated with its corresponding gas anytime it is moved from the **SensorRAE** to a RAE Systems detector.

#### Key Features

- Allows users with just one multi-sensor detector to own a complete suite of RAE Systems electrochemical sensors
- 4 AAA batteries power the **SensorRAE** for at least 12 months
- Includes a battery test button and LED
- Suitable for both low-bias and high-bias (NH<sub>3</sub> & NO) sensors
- Simple to use: just plug in the sensor
- Compact case is small enough to fit in your pocket
- Holds 4 sensors at a time
- Rugged, waterproof, Pelican™ case
- Clear lid lets you quickly see the sensors
- Supports the following RAE Systems products:
  - MultiRAE Plus
  - MultiRAE IR
  - AreaRAE
  - VRAE
  - QRAE Plus
  - IAQRAE

#### Specifications\*

<b>Size</b>	5.4"(13.7 cm) x 4.0"(10.2 cm) x 2.1"(5.3 cm)
<b>Weight</b>	10 oz (285 g) without sensors installed and with batteries
<b>Rating</b>	Waterproof
<b>Power</b>	4 AAA alkaline batteries

\*Ongoing projects to enhance our products mean that these specifications are subject to change

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