




What is E-Cell?

A replaceable sensor module to effectively measure Ethylene Oxide, Hydrogen Peroxide and Peracetic Acid. It works with the SafeCide™ monitor and Steri-Trac® 2+ monitor.

Overview

- Size: 12.7 x 8.3 x 5.1 cm or 5 x 3.25 x 2 in
- Weight: 230 grams or 8.1 oz
- More than 20 hours of battery life
- Takes less than 60 seconds to warm-up
- Replace every 4 months
- Color-coded LED indicator lights

-  Green Light = OK
-  Orange Light = Needs replaced
-  Red Light = Call for immediate replacement

ChemDAQ's Sensor Exchange Program

A new, fully calibrated E-Cell replacement sensor will be sent three times a year to ensure accurate and reliable operation. Replacing the gas sensor is a simple, 3-step process:



Open the box



Connect new sensor



Return expired sensor in the pre-paid box provided by ChemDAQ



E-Cell Specifications by Gas

PARAMETER	ETHYLENE OXIDE	HYDROGEN PEROXIDE	PERACETIC ACID
Range in parts per million (ppm)	0-50	0-20	0-3
Accuracy	10%	10%	5%
Resolution in ppm	0.1	0.1	0.01
Temperature Range in Celsius	-20° to + 50°	0° to + 50°	-20° to + 50°
Temperature Range in Fahrenheit	-4° to 122°	32° to 122°	-4° to 122°
Atmospheric Pressure Range	+/- 10%	+/- 10%	+/- 10%
Response Time (T90 (s))	< 140	< 150	< 120
Relative Humidity	15-95% non-condensing with dew point > 0° C	15-95% non-condensing with dew point > 0° C	15-95% non-condensing with dew point > 0° C
Repeatability: Greater of X or 5% of signal. X=	0.2 ppm	0.2 ppm	0.02 ppm
Linear Output	Yes	Yes	Yes
Spot-On® Filter Needed	Yes	No	Yes

About ChemDAQ

ChemDAQ is a leading advocate for regulations and worker safety. The company is dedicated to protecting workers from toxic gas and chemical exposure by providing best-in-class monitoring products for ethylene oxide, hydrogen peroxide, and peracetic acid.

