



## PRESS RELEASE

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### NEW ANALYZER MEASURES

### CO2 AT HIGH PRESSURES

A new sophisticated new gas analyzer that measures carbon dioxide (CO<sub>2</sub>) under pressure extremes has been developed by Sensor Electronics of Minneapolis.

CO<sub>2</sub> dilutes explosive concentrations of ethylene oxide (EtO) in, for example, medical equipment sterilizers and research laboratories. (EtO is both toxic and extremely flammable.)

Because of intermolecular energy transfer between EtO and CO<sub>2</sub> (and nitrogen, oxygen, H<sub>2</sub>O) under pressures, accurate CO<sub>2</sub> measurement is virtually impossible.

Unlike erratic readings with conventional CO<sub>2</sub> detectors, this new analyzer ignores the transient extremes to give precise CO<sub>2</sub> measurements through the cycle.

The analyzer uses twin source –to-sensor pulsating infrared beams, thus eliminating mirrors/lenses/splitters, and problems with dust, dirt, condensation, contamination and misalignment.

It also shrugs off temperature and humidity extremes. Self-correcting circuitry means the analyzer can work for years with-out fussy adjustment or recalibration.

The analyzer even keeps a watchful eye on itself, flashing immediate warning of any internal problems, then spelling out what's wrong where.

The unit can link up with printers, plotters, loggers, computers to make a permanent record of fast-changing CO2 values.

Additional information about this new analyzer that “sees” actual CO2 levels under pressure extremes is available from [sales@sensorelectronics.com](mailto:sales@sensorelectronics.com). Sensor Electronics has many other gas detection products available – see our website at [www.sensorelectronics.com](http://www.sensorelectronics.com) or call us at 1-800-285-3651 for more information.

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