



## VAPORIZED HYDROGEN PEROXIDE STERILIZERS

### PRODUCT: Model 290, 209 & 265

#### APPLICATION DETAILS:

The customer is the industry's leading infection prevention, decontamination, and surgical and critical care company, with numerous first to market innovations. Vaporized hydrogen peroxide sterilizers remove humidity from the room space through an integrated desiccant system, which ensures that the dry bio-decontamination process is achieved. Hydrogen peroxide vapor concentrations are maintained at a target level in order to assure removal of all micro-organisms in the enclosed area.

#### CUSTOMER PROBLEM:

##### *Fleet of sensors needed for high accuracy application*

Having accurate measurements of hydrogen peroxide levels within the sterilizers is critical for the customer's application. Without precise target levels, micro-organisms can still be present in the enclosed area, resulting in an unsterilized environment. Since the customer has different levels of accuracy measurement within their sterilization process, they require a variation of sensors.

#### SETRA SOLUTION:

Setra was able to provide the customer with three solutions: Models 265, 209, and the 290. Of the three, the most integral was the 290, since the customer needed to increase their ability to measure nozzle accuracy in the vapor along with raising accuracy of the level management. The Model 290's Tri-Clover style fitting allows for seamless integration within the customer's current design.



#### WHY SETRA WON:

##### *Provided sensors that can withstand all customer deployments*

Setra was able to provide the customer with the Model 290, which had an extended temperature range for both linearity and accuracy that would meet the requirements for every possible deployment the customer has (20 to +50°C). Setra also customized its sensor to adapt to the customer's power supply requirements for both the old and latest barometric models. The Model 290 also allowed for low current draw, high accuracy, and a small footprint.

#### SETRA STRENGTHS

- High Overpressure Protection
- 0.20% FS Accuracy
- Robust Non-Liquid Filled Capacitive Sensor
- Insensitive to Thermal Shock
- Meets 3A Sanitary Standards