



MEDICAL PLASMA STERILIZERS

PRODUCT: Model 730

APPLICATION DETAILS:

The customer has over 70 years of experience in manufacturing medical instruments and equipment in the People's Republic of China. Their plasma sterilizers kill all living microorganisms on medical and dental equipment, including bacteria, spores, viruses, and fungi, allowing them to be used safely time and again. Plasma sterilization utilizes vaporized hydrogen peroxide in conjunction with vacuum pressures and low temperatures. The remnants of this process are water and oxygen, making operation safe for both medical staff and the environment.

CUSTOMER PROBLEM:

Critical application requires high accuracy and reliability

Since the sterilization of medical equipment is a critical process within an operating room, the capacitance manometer's accuracy and reliability are extremely vital. On top of all of these requirements, the sensor also has to meet the plasma sterilization equipment pressure range of 20 Torr.

SETRA SOLUTION:

Setra was able to provide the customer with the Model 730, a low cost alternative for critical processes and sterilization equipment. The Model 730's small footprint, high accuracy, and competitive price exceeds the customer's requirements for a high price to performance capacitance manometer.



WHY SETRA WON:

Provided a sensor to meet high price to performance needs

Setra's Model 730 is a low cost alternative for critical processes and sterilization equipment. Not only did the customer get a sensor that has excellent material compatibility, they also obtained cost advantages through reducing inventory and labor costs.

SETRA STRENGTHS

- Insensitive to Environmental Changes
- Wide Compensated Operating Temperature
- Extremely Low Noise
- Exceptional Overpressure Design
- Fast Response Time with Low Circuit Noise