



INTROTEK®

Excellence in Ultrasonic Technology

NEWS

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CUSTOM ULTRASONIC DRIP CHAMBER LIQUID LEVEL SENSORS

Introtek now offers custom-designed, non-invasive, ultrasonic, point level sensors for use with soft bodied PVC drip chambers, which are common in many patient-connected medical device applications.

This sensor design provides excellent acoustic coupling without the need for any type of coupling agent and without allowing the drip chamber to become "relaxed" in the sensor slot—thus helping to eliminate false air alarms. It offers a simple one-piece construction without any handles, springs, doors or clips inherently found on other existing drip chamber level sensors.

If you have an application for air bubble, air-in-line or liquid level detection, send a sample drip chamber (or tubing) to Introtek. We will evaluate it and provide the optimum prototype sensor manufactured to your form, fit and functional requirements.

Contact Debbie Corwin to discuss your air bubble, air-in-line or liquid level application.

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FEATURES

- Simple one-piece sensor construction for various diameters and tapers
- No moving parts—uni-body construction
- Non-invasive pulse-type ultrasonic technology
- Panel mount or self-standing versions
- Positive locking effect for drip chamber
- Design resists effects of vibration or drip chamber slippage
- No coupling agent is necessary
- Design allows for constant visual confirmation of fluid level
- Operates with micro-controller based integral electronics
- Alternate electronics options available
- High noise immunity to EMI / RFI