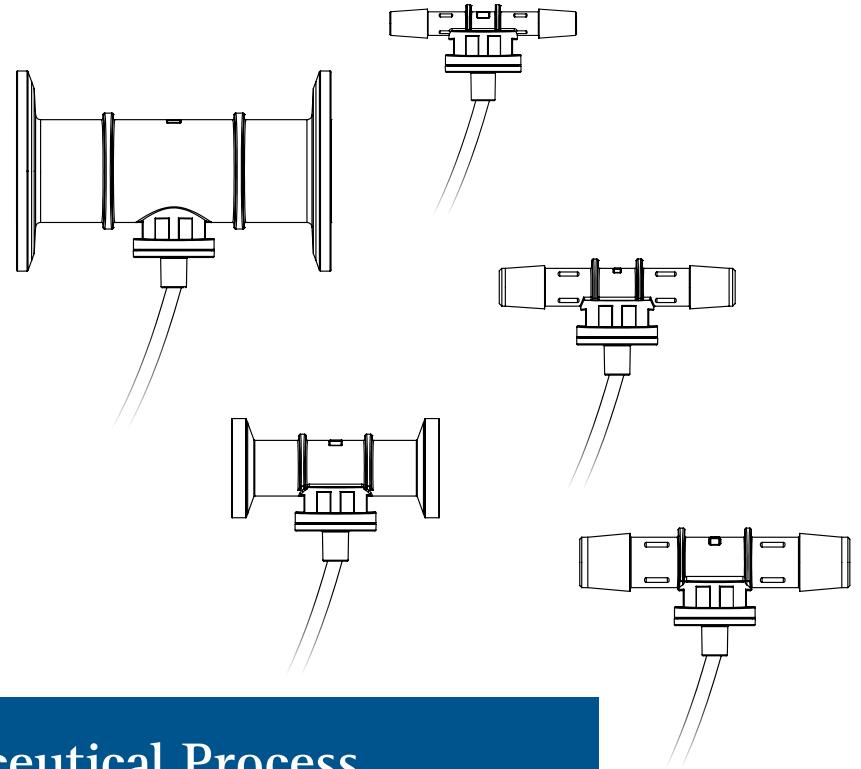
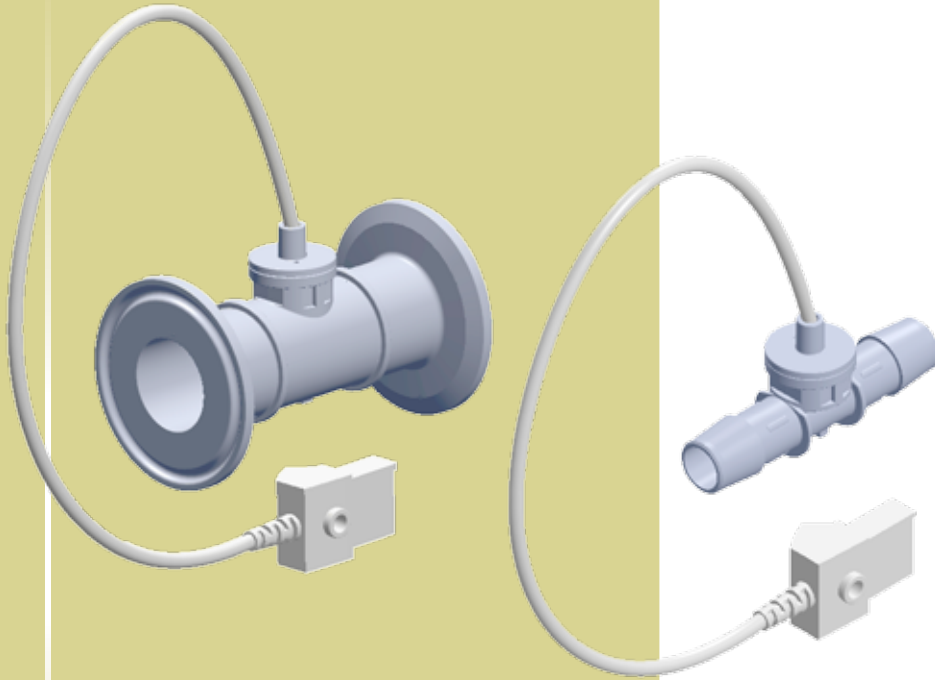




UTAH MEDICAL  
PRODUCTS INC.

## Important Message Regarding Biopharmaceutical Manufacturing Process Pressure Monitoring



BioPharm HP-PRT™ Single-Use Biopharmaceutical Process  
Pressure Transducers/ Sensors from Utah Medical Products, Inc. —  
the pressure monitoring experts.

# Announcing BioPharm HP-PRT Sensors for Accurate High-Pressure Process Monitoring



## LUER-COMPATIBLE SENSOR

A stand-alone luer-connect sensor is available.

## VERI-TEST™ Pressure Sensor Verification/Simulation

Non-invasively validate the accuracy of your monitor and/or sensor.



Utah Medical Products, Inc. is the original developer of single use pressure transducers for the medical device industry with sensor chips designed for accurate static and dynamic fluid pressure monitoring. UTMD's transducers have evolved for use in biopharmaceutical manufacturing, with years of successful results. And now, UTMD is offering this transducer technology direct to biopharmaceutical manufacturers.

The **BioPharm HP-PRT** ("High Pressure, Piezo-Resistive Transducer") has already provided highly accurate pressure sensing for your manufacturing lines with a variety of in-line sensor modules featuring our pressure monitoring chips:

- Semiconductor chips are placed proximal to flow for the most accurate gas and liquid pressure measurements
- Chips housed inside a range of modules with familiar flanged and barbed connections
- High transparency sensor modules available in both polysulfone and polycarbonate material

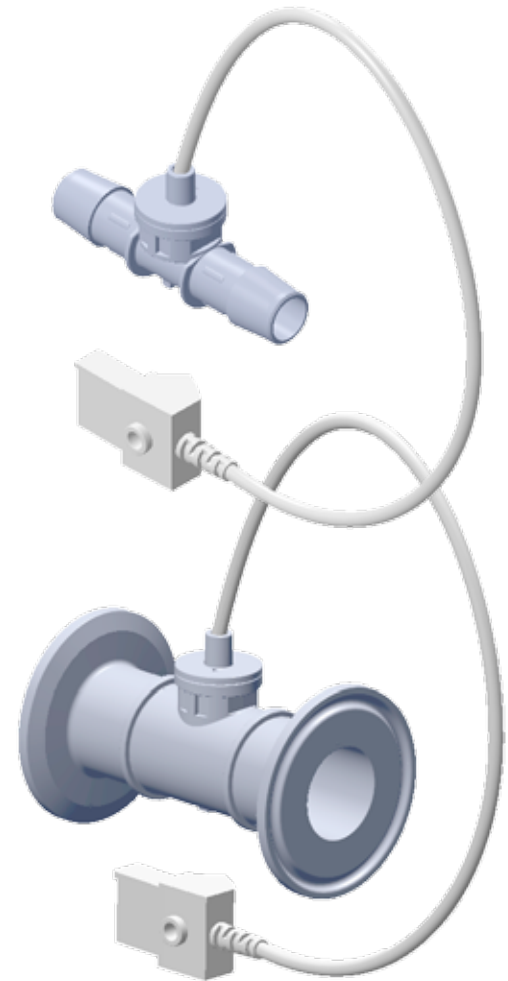
## USES

- Single-use, high pressure sensors for measurement up to 75 psi.
- Measures static and dynamic pressure of gases and liquids.
- Broad application in monitoring of filtration processes, chromatography processes, monitoring of bioreactors, filling operations and more.

## HIGH QUALITY SENSORS

- 100% calibrated prior to shipment
- Manufactured in UTMD's ISO 13485 certified facilities in USA and Ireland, in ISO Class 7 cleanrooms.

**Contact UTMD's BioPharm HP-PRT team for detailed information at 800-533-4984 or via email to [BioPharm@utahmed.com](mailto:BioPharm@utahmed.com).**



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