SINGLE-USE SENSOR TUBING ASSEMBLIES

CUSTOM MANUFACTURED



dvantaPure offers custom Single-Use sensor tubing assemblies for in-line, real-time monitoring and control of critical process parameters for biomanufacturing.

Single-Use in-line sensors eliminate the need for cleaning, maintenance and recalibration associated with traditional, reusable technologies. Assemblies can be customized to meet unique process design requirements and are shipped ready-to-use.



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Key Features

- Choose from a range of widely accepted and accurate PendoTECH process sensors including those for pressure, flow, temperature, conductivity, turbidity and UV absorbance
- Assemblies are designed to provide robust and convenient solutions for bioprocess development and manufacturing from buffer and media preparation, cell harvest, centrifugation, virus/depth filtration, ultrafiltration-diafiltration, TFF and chromatography
- Available in flow path sizes up to 1" tubing I.D. with minimized flow restriction and sample hold-up using AdvantaPure's overmolding technology
- Tested for quality and accuracy during manufacture no calibration required
- PendoTECH sensors are compatible with most data acquisition monitors/transmitters
- Certified free of animal-derived components
- Fluid path materials meet USP Class VI requirements
- Tubing materials include platinum-cured unreinforced silicone or TPE; braid-reinforced silicone hose also available
- Available gamma irradiated



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Sensor tubing assemblies are the ideal Single-Use solution for next generation bioprocess demands. Sensors are designed to effectively monitor the fluid transfer path and provide reliable data to ensure consistently high quality product.

> Assemblies are custom made to your specifications and shipped ready to use and pre-calibrated . . . letting you get on with your work faster and more efficiently.

A braided pressure sensor assembly for TFF

> Choose AdvantaPure's APST unreinforced silicone tubing, APSH braid reinforced silicone hose or AdvantaFlex® biopharmaceutical grade TPE. Learn more at www.advantapure.com.

Purity in Fluid Flow Systems®

Single-Use Sensor Tubing Assemblies are part of a complete line of products for the Pharmaceutical, Biomedical, Cosmetic, and Food industries. Items available include . . .



- Unreinforced, 50 Shore A, platinum-cured silicone tubing
- Biopharmaceutical grade TPE tubing
- Braid-reinforced, platinum-cured silicone hose
- Wire and mesh reinforced, mandrel-wrapped, platinum-cured silicone suction hose
- Stainless steel overbraided PTFE hose and wire-reinforced EPDM hose
- Sanitary fittings and complete hose assemblies including molded silicone ends
- Silicone injection molding capabilities manifolds, stoppers, and sealing systems for Single-Use processes

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