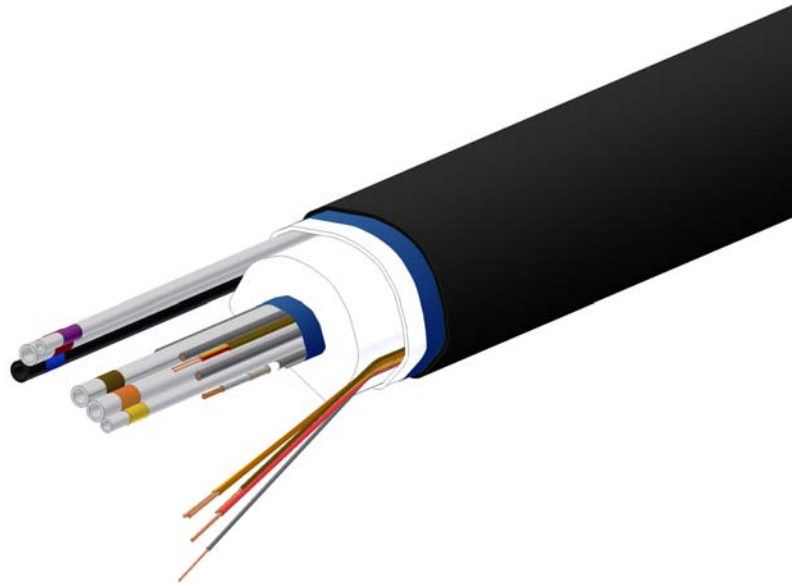


Hg⁺ STACKPAK Sample Transport System for Low Level Mercury Analysis

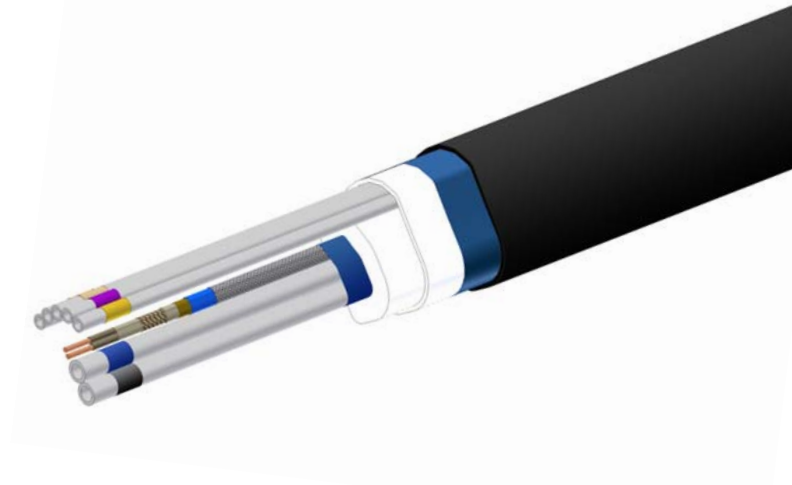
Wet Extractive Systems

- Permanent and Light Weight Portable Systems
- High Temperature Maintain up to 450°F (230°C)
- Series Heater:
 - Consistent and Uniform Temperature Throughout
 - Field Length Adjustable
- 250' Circuit Lengths:
 - Multiple Circuits Available for Longer Lengths
- Parallel Tube Construction 12" Bend Radius
- Tube and Wire Configurations Per Customer Specification



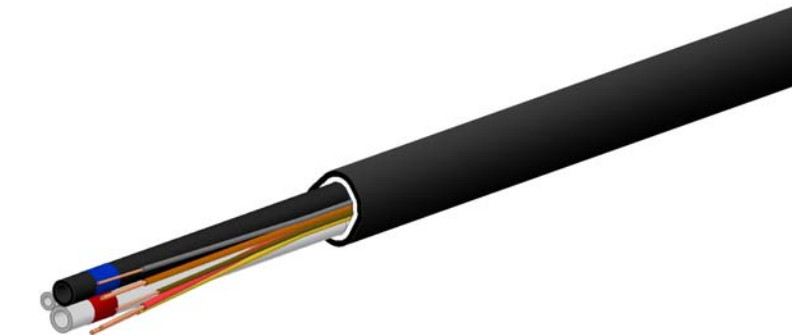
Dry Extractive/Dilution Systems

- Permanent and Light Weight Portable Systems
- Sensor Tube
- Temperature Maintain up to 250°F (120°C)
- Self-Regulating or CPD Heater
- Up to 500' Continuous Circuit Lengths:
 - Multiple Circuits Available for Longer Lengths
- Parallel Tube Construction 12" Bend Radius
- Tube and Wire Configurations Per Customer Specification



Probe Support Umbilical

- Maximum Operating Temperature is 175°F (80°C)
- Medium Ambient Conditions, No Heater Necessary
- Lower Replacement Cost for Heated Sample Line Bundle
- Reduced Installation Costs
- Tube and Wire Configurations Per Customer Specification



Hg⁺ STACKPAK Sample Transport System for Low Level Mercury Analysis

Value-Added Solutions

Tubing Bundles

- Parallel Tubing Construction
- 12" Bend Radius
- Bundle Markings (Power, Probe, Sensor Location)
- Tube Markings and/or Color Tubing
- Color PVC or Urethane Jackets
- Custom Jacket Imprint
- End Preparation Available

Tubing

- High Purity PFA Tubing:
Burn-In Not Required
- Passivated Tubing - Rinsed with hot deionized water and purged with hot dry (99.9%) Nitrogen
- TrueTube™ Electropolished and Sulfinert® Coated Tubing Available

HC10 Controller

The HC10 is a compact digital indicating controller with auto-tune PID features. The seven segment display can be set to normally indicate set point or actual temperature. Three discrete LED's indicate operation. The HC10 provides a single RTD or thermocouple temperature sensor input and dual outputs, which may be programmed for heat, cool, alarm or timer functions.



SensorTube™ and Sensor Kit

SensorTube creates a pathway for the sensor kit to be positioned up to 15' (3m) from the control end without any special tools. It is available in long continuous lengths that can be field cut to specific lengths as required. The specially sized bulb and lead construction of the kit can be easily inserted into the bundle even after it is installed. The sensor kit has been inserted through more than five ninety degree bends without problems. Measured temperature accuracy of within 2°F of factory installed sensors.



RTD Kit includes a 100 Ohm / PT100, 3 wire sensor with twenty feet of fluoropolymer jacketed leads and an entry seal.

Thermocouple Kit includes a thermocouple with twenty feet of fluoropolymer jacketed leads and an entry seal.

coroSERVICES

O'Brien Analytical's coroSERVICES team is committed to the promotion of best practices with sample transport systems. With increased accuracy capabilities of analyzers, transport system reliability is even more important. Whether it is on our web site or at a training seminar, O'Brien Analytical provides years of best practice expertise. coroSERVICES provides full turnkey solutions to the process and emissions analyzer markets.



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