





Sample transport systems present tremendous opportunities for improved analyzer accuracy. Chemical and petrochemical industries around the world have clearly identified that yield, scrap and compliance improvements can be directly attributed to the effectiveness of the sample transport system.

Analyzers will function only as well as the transport system yet this same system is often the most overlooked and misunderstood component.

O'Brien Analytical™ is dedicated to all aspects of providing customers consistent sample streams. Maintaining sample dew points can present a myriad of process control challenges. O'Brien Analytical offers a wide variety of engineered solutions and products to ensure consistent sample delivery to the analytical device. O'Brien's heat transfer expertise with TRACEPAK® and STACKPAK™ tubing bundles and VIPAK® heated analyzer cabinets have made O'Brien Analytical the company of choice for the analytical industry.

From design to installation services, from expertise in heat tracing to tubing materials, O'Brien Analytical provides complete sample stream consistency.



► TrueTube™ electropolished and coated tubing.



VIPAK® heated sample conditioning cabinets.





O'BrienSERVICES™ turnkey design, procurement, installation and warranty.







STACKPAK / TRACEPAK Tubing Bundles

O'Brien supplies analyzer sample bundles for permanent or portable systems.

Process tubes of 316SS, Monel, TrueTube™, Hastelloy, fused silica lined SS, heavy wall Teflon, and nylon are a few of the common choices.

Electric, steam, or recirculated fluid heater systems provide guaranteed temperatures in general purpose or hazardous areas.

Factory installed thermocouples and RTD temperature sensors are often supplied as are factory finished end connections.

VIPAK Cabinets

O'Brien thermoformed or stainless steel VIPAK enclosures are ideal for probe, sample take off and sample conditioning cabinets. With integral insulation, explosion proof heaters, heat shrink entry boots, as well as panel and rail mounting systems, Vipak enclosures complete your sample conditioning system.

Explosion Proof Heaters

Explosion proof heaters provide consistent temperature maintenance for any application. Choose NEC, CSA, ATEX and GOST approvals. Steam systems are also available.

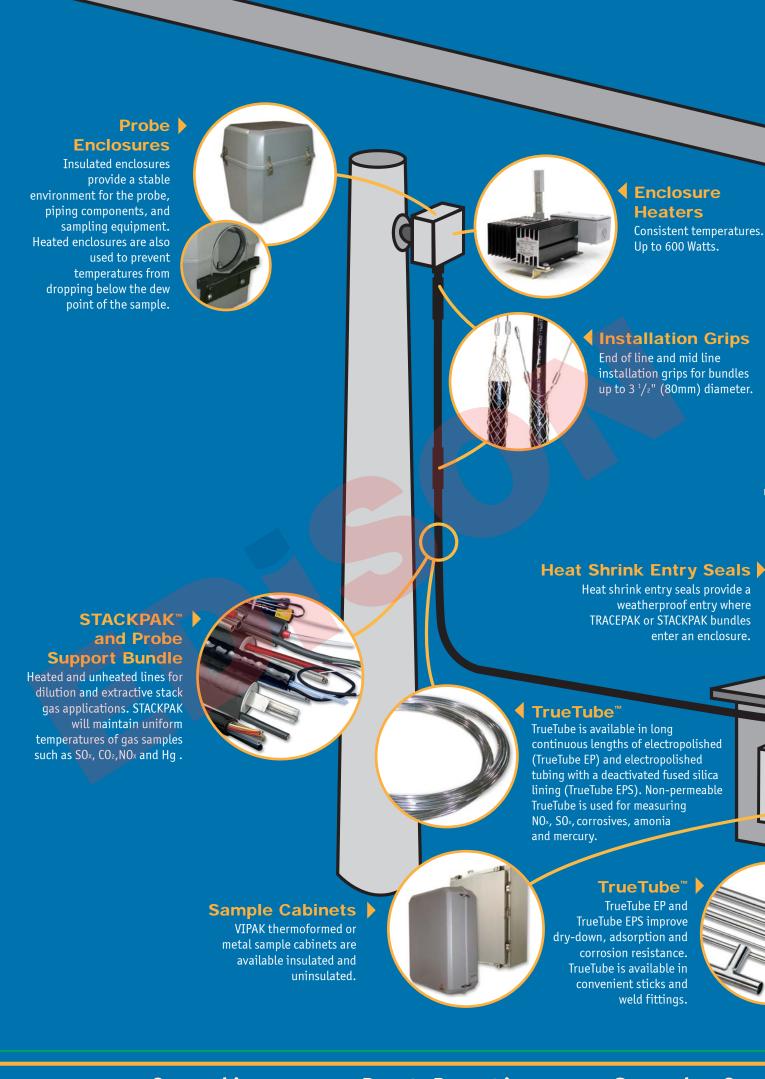
TrueTube™

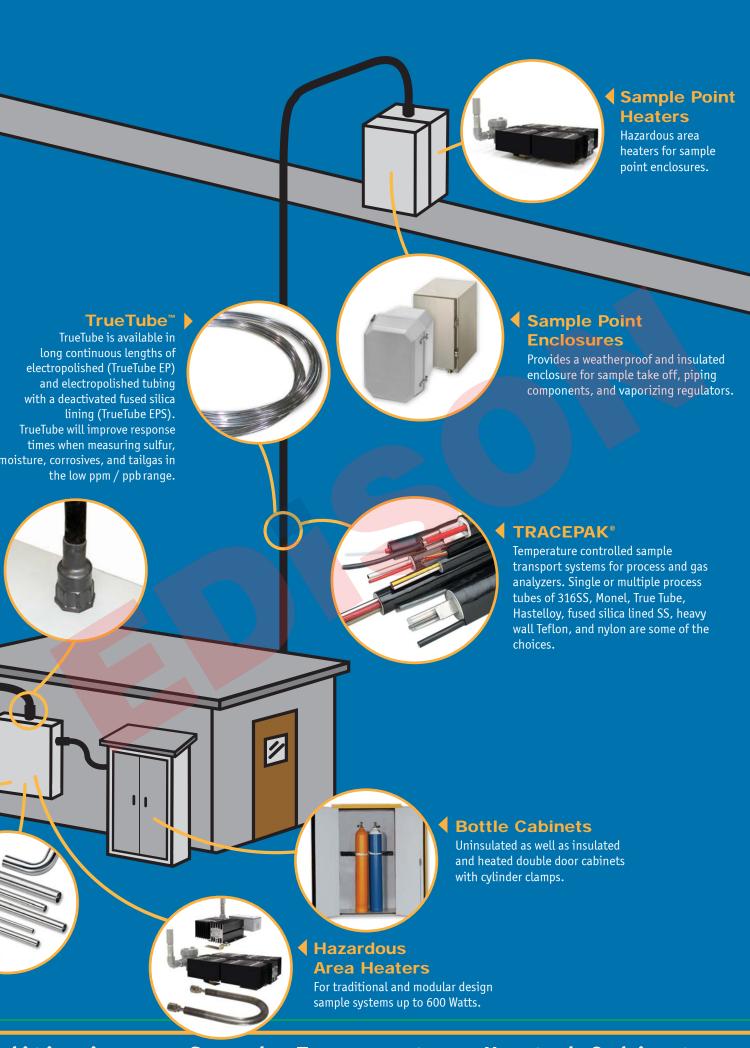
O'Brien Analytical starts with select ASTM grade tubing and enhances its physical characteristics to improve dry-down, adsorption and corrosion resistance. We do this by controlling surface roughness, cleanliness, surface chemistry and reactive contaminants.

TrueTube is available in orbital weld fittings, straight sticks, and long continuous lengths of electropolished (TrueTube EP) and electropolished tubing with a deactivated fused silica lining (TrueTube EPS).



Monel is a registered trademark of Special Metals Corporation Hastelloy is a registered trademark of Haynes International Teflon is a registered trademark of E.I. DuPont de Nemours





ditioning · Sample Transport · Heated Cabinets





O'BrienSERVICES™

O'BrienSERVICES provides a variety of specialty design, manufacturing, installation and warranty services. O'Brien Analytical, an ISO 9001 manufacturer, realizes that turnkey services are a critical component to the process and emissions analyzer markets. The O'BrienSERVICES team coordinates internal and external resources to ensure a cost effective and reliable sample transport system.

- Design review
- Heat transfer / dew point calculations
- Best practices training
- Insulated and heated cabinet assembly and installation
- Transport system installation, commission, audit and site support

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ISO 9001

Certified to current ISO 9001 standards.

O'Brien's adherence to recognized international standards is your strongest assurance of our quality.

Customer Service

O'Brien's reputation as a customer oriented problem solver has been long recognized.

Our customer-oriented approach offers:

- responsive, knowledgeable personnel
- unparalleled delivery service
- dependable, tested results of all product lines
- on-line order status and shipment tracking.



