

IsoTube[®] Gas Sampling Equipment



IsoTube[®] Gas Sampling Manifold



*Box of 25 IsoTubes[®]
with HAZMAT Shipper*



IsoTube[®] Septum Valve

For Mud-gas sampling:

- Extremely durable and reliable, resulting in reduced sample loss.
- Easier to use than gas bags.
- Less bulky to store than gas bags (shipped 25 per box).
- Can be configured in line with the normal mud-logging equipment.
- Can be legally shipped on both passenger and cargo aircraft according to IATA regulations.**
- HAZMAT Packaging is included. UN Certified shipping boxes meet all DOT and IATA requirements for shipment of flammable gases in IsoTubes[®].
- HAZMAT packaging was developed and tested specifically for use with the IsoTubes[®].
- Environmentally "friendly" IsoTubes[®] are >99.9% recyclable; IsoTubes[®] returned to Isotech result in a substantial reduction in waste compared to gas bags.

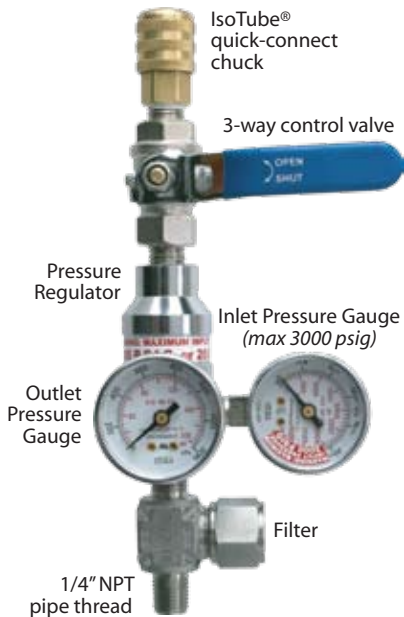
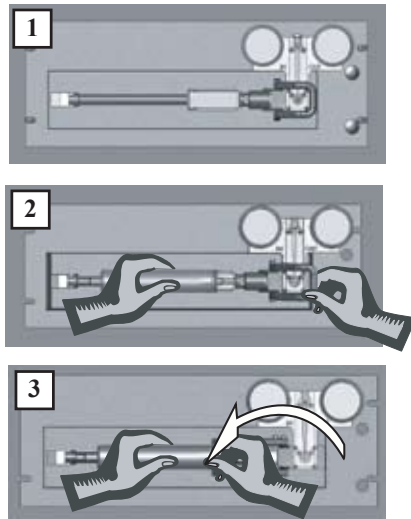
As a substitute for cylinders:

- IsoTubes[®] are acceptable for pressurized sampling (limit: 100 psig; requires IsoTube[®] Wellhead Sampling Device).
- IsoTube[®] shipping boxes are approved for air shipment, so rapid return of samples to the laboratory is facilitated.
- Smaller size and weight result in a reduction in shipping costs (volume ~110 ml).

**** (Hazardous materials can only be shipped by someone properly certified to do so; shipping instructions are included with each box of IsoTubes[®])**

For Mud-gas Logging:

IsoTubes® were originally designed for sampling during mud-gas logging. The simple “snap-in” and “flow-through” features of the IsoTube® Sampling Manifold allow samples to be taken instantaneously from a flow stream by simply flipping the valve control handle. This can all be done without interfering with the operation of other mud-logging equipment.



IsoTube® Wellhead Sampling Device

For Pressurized Samples

IsoTubes® can also be utilized as an alternative to expensive cylinders. Because the IsoTubes® are shipped under the UN2037 classification, it is acceptable to ship them under pressure (maximum pressure: 100 psig).** By using our IsoTube® Wellhead Sampling Device, it is possible to safely **fill or transfer** pressurized samples into IsoTubes®.

(NOTE: Shipment of any hazardous material requires that the shipper be properly trained to ship HAZMAT materials).

Prices:

IsoTubes®	
(1 Box of 25; Includes HAZMAT shipper)	\$625
IsoTube® Gas Sampling Manifold	\$980
IsoTube® Wellhead Sampling Device	\$400
IsoTube® Septum Valve	\$40
Extra IsoTube® HAZMAT Shippers	\$10

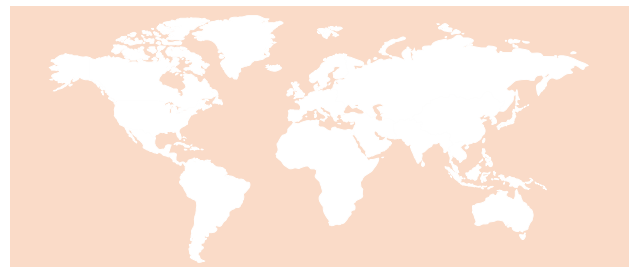
Associated Analytical Costs for Mud-gases:

Compositional analysis (per sample)	\$66
Isotope analysis (per component; C1-C3)	\$66

SHIPPING, DUTIES, TAXES, ETC. NOT INCLUDED IN ABOVE PRICING

We have successfully shipped IsoTube® gas sampling equipment to the following international locations...

Alaska	India	Singapore
Angola	Indonesia	The Netherlands
Australia	Italy	Turkmenistan
Azerbaijan	Japan	United Arab Emirates
Brazil	Kazakhstan	United Kingdom
Cameroon	Malaysia	Venezuela
Denmark	Mauritania	Throughout the U.S. and Canada
Egypt	Nigeria	
Equatorial Guinea	Oman	
France	Qatar	
Gulf of Mexico	Scotland	



Efficient and made from >99.9% Recyclable Materials

IsoTubes® consist of materials which are >99.9% recyclable. Furthermore, IsoTubes® are packaged 25 to a box, compared to 2 or 3 per paint-can shipper, as is the case for gas bags. Not only does this translate into fewer shipping materials, but the smaller volume and weight also results in a significant reduction in shipping costs. With the new IsoTubes®, the cost per sample (including container costs and shipping) is still significantly cheaper when compared to gas bags. The cost of disposing of the bags and shipping materials must also be considered. This is not a concern for our IsoTubes®...just return them to us and we will make sure they are properly recycled.

****Our IsoTubes® are SINGLE-USE containers. (See IATA regs. pertaining to UN 2037). Federal Law prohibits transportation if re-filled; Penalty up to \$500,000 fine and five years imprisonment 49 U.S.C. 5124**