

IsoTubes®



The IsoTube Gas Sampling System was developed in response to sampling and shipping difficulties we and our customers experienced. IsoTubes are now being used around the globe.

IsoTubes offer many advantages over other sampling containers:

Durable and reliable

Rigid structure is far stronger than gas bags and less susceptible to leakage. Long-term testing shows virtually no chemical or isotopic degradation of gases stored for >3 years.

Easier to use than gas bags

Configuring the IsoTube Gas Sampling Manifold in-line with normal mud-logging equipment allows instant sample collection with a simple flip of the valve control handle, without interfering with other monitoring equipment. Using our IsoTube Wellhead Sampler, it is possible to safely fill or transfer pressurized samples into IsoTubes.

Preserves sample integrity

Each IsoTube is individually tested to ensure sample integrity.

Easier, faster and less expensive to ship

The smaller volume and weight of IsoTubes reduces shipping costs by 85%, compared to bags which require an outer "paint can" for shipping (based on a FedEx shipment from Houston to Champaign). Samples can be legally shipped on both passenger and cargo aircraft according to IATA regulations, which allows for rapid return of samples to our laboratory. HAZMAT packaging, developed and tested specifically for IsoTubes, is included with every order.

Lower cost overall

The cost per sample (including container costs and shipping) for IsoTubes is about 25% less than for gas bags.

Environment-friendly

IsoTubes are >99.9% recyclable.

IsoTube Equipment



IsoTube Gas Sampling Manifold

IsoTubes were originally designed for sampling during mud gas logging. The simple "snap-in" and "flow-through" features of the IsoTube Gas 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.