PRODUCT DATASHEET

Sample Cylinder Assembly with Outage Tube and Relief

Stainless sample cylinders fitted with valves, outage tube and relief device

Product page





Close-up: valves, relief device and outage tube end

OVERVIEW

The Tech Inc. Sample Cylinder Assembly with Outage Tube and Relief is a sample cylinder ready to use: the double-ended stainless cylinder is fitted with inlet and outlet valves, an outage tube that leaves vapour space when sampling liquefied gases, a rupture disc or relief valve, protective caps and a carrying case. Each assembly is cleaned, leak-tested and tagged before dispatch.

TYPICAL DESIGN DATA

Volume	About 150 mL to 3.8 L
Pressure	Cylinder rating to about 124 bar (1,800 psi) or 345 bar (5,000 psi)
Material	304L or 316L; inert coating on request
Codes and standards	Sampling practice to ASTM D1265, GPA 2174 and ISO 10715 where they apply; cylinders to the client-specified standard
Outage	Tube length set for the vapour space the method requires
Relief	Rupture disc or relief valve set below the cylinder rating
Certification	Cylinders from certified makers to the standard the client specifies

MODELS AND CAPACITIES

- **TI-SCY-150** – about 150 mL
- **TI-SCY-300** – about 300 mL
- **TI-SCY-500** – about 500 mL
- **TI-SCY-1000** – about 1 L
- **TI-SCY-3800** – about 3.8 L

Indicative cylinder volumes.

ORDERING CODE

Example **TI-SCY-500-L-R-C**: **500** volume, mL; **L** type: G gas, L LPG with outage tube, I inert-coated; **R** relief: R rupture disc, V relief valve; **C** options: C carrying case, Q quick-connects, N none.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual. **Options:** inert internal coating; quick-connect couplings; carrying cases and racks; annual recertification and re-cleaning service.

KEY ADVANTAGES

- **Ready to use** – assembled, cleaned and tested
- **Traceable** – each cylinder tagged
- **Safe** – outage tube and relief device fitted
- **Inert option** – for sulphur and mercury

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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