

DURASITE® Constant Pressure Sample Cylinder

Field-Proven Design, Reliable Results

The DURASITE constant pressure sample cylinder is a portable sample vessel for transporting a liquid or gas hydrocarbon sample from its source to an analyzer. The cylinder design enables the product to be sampled and stored at pipeline conditions throughout the sample period and during final lab analysis. The patented design incorporates a free-floating piston to provide segregation between the product and pre-charge chambers. Once a pre-charge of inert gas has been applied to the DURASITE cylinder, constant pressure of the product can be maintained during sampling, transit and evacuation.



Features and Benefits

- Department of Transportation (D.O.T) approved design
- 316 Stainless steel construction
- Precision honed cylinder with cylinder heads that include integral needle valve, pressure gauge, rupture disk and purge valve
- External magnetic volume indicator

Specifications

Working Pressure	1,800 psi (3,600 psi available on request)
Tested Pressure	3,000 psi (6,000 psi available on request)
Visual Level Indication	Magnetic
Primary Materials	316 Stainless Steel and Aluminum
Carrying Case	Optional
Sizes	150cc, 300cc, 500cc, 800cc, 1000cc Non DOT 2000cc, 3000cc, 4000cc

System Schematic

