

ASSESSING DISTILLATE FUEL STORAGE STABILITY BY OXYGEN OVERPRESSURE

Test Method

Used for assessing potential storage stability of middle distillate fuels, including fuels with or without stabilizer additives, and freshly refined or previously stored fuels. The sample is aged in a pressurized vessel at constant temperature for 16 hours and, after cooling, the total amount of insoluble products is determined gravimetrically.

Pressure Vessel

- Conforms to the specification of ASTM D5304
- Four, Six and Ten unit models

Stainless steel pressure vessels accommodate multiple sample containers for determining storage stability of fuels by the oxygen overpressure method. Vessels meet all applicable ASME and ASTM safety requirements for construction and working pressure and maximum operating temperature and are equipped with pressure safety valves factory present at 200psi (1,332kpa). Included with each model are a collapsible glassware rack that installs and removes easily for cleaning, oxygen inlet and outlet valves with quick disconnect fittings and charging hose, pressure gauge and wide-mouth closure with viton O-ring seal.

Specifications

Conforms to the specifications of:

ASTM D5304

Capacity: Four, six or ten sample containers

Construction: 316 stainless steel, in accordance with ASME specifications

Working Pressure at 90°C: Exceeds ASTM requirements

Safety Relief Valve Setting: 200psi (1,332kPa)

Pressure Gauge: 0-200psi

Included Accessories

Glassware rack, hinged, for four, six or ten sample containers

Charging hose with pressure tight crimp and quick disconnect

Dimensions:

K10600: 8½" high by 9½" round

Net Weight: 14 lbs (6.4kg)

K10601/K10602: 15½" high by 9½" round

Net Weight: 17 lbs (8kg)

Shipping Information:

K10600:

Shipping Weight: 17 lbs (8kg)

Dimensions: 2.6 Cu. Ft.

K10601/K10602:

Shipping Weight: 22 lbs (10kg)

Dimensions: 3.5 Cu. Ft.



Ordering Information

Catalog No.		Order Qty
K10600	Pressure Vessel, 4 Unit	1
K10601	Pressure Vessel, 6 Unit	
K10602	Pressure Vessel, 10 Unit	

Accessories

K10540	Sample Container with lid
--------	---------------------------