

Determination of Accelerated Iron Corrosion in Petroleum Products

test method

Accelerated Laboratory and Field Procedure for the determination of corrosion of iron, in the presence of water, on samples such as gasoline and gasoline blended with 10% ethanol, E10 (Specification D4814); gasoline-blend components (except butane); diesel fuel and biodiesel B5, except Grade No. 4-D (Specification D975); biodiesel B6 to B20 (Specification D7467); diesel-blend component such as light cycle-oil; No.1 fuel oil, No.2 fuel oil (Specification D396); aviation turbine fuel (Specification D1655).

accelerated iron corrosion tester

- Preset Temperature and RPM value in direct accordance with ASTM D7548
- 5" Touch Screen Control Display with Soft keys
- 4-position liquid bath
- Integrated Timer
- Small Footprint

ordering information

catalog no.	description
K30260	Accelerated Iron Corrosion Tester, 115V 60Hz
K30269	Accelerated Iron Corrosion Tester, 220-240V 50/60Hz

accessories

250-000-28F	ASTM 28F Thermometer, Range: 97.5 to 102.5°F
250-000-28C	ASTM 28C Thermometer, Range: 36.6 to 39.4°C
K30130	Polishing Chuck
K30150	Drive Motor, 115V
K30180	Drive Motor, 230V
380-100-002	Silicone Carbide Abrasive Cloth Roll, C-100 grit Open Mesh, 38mm width x 22.5m length For Preliminary grinding and final polishing of test specimens.



K30260 Accelerated Iron Corrosion

specifications

Conforms to the specifications of:
ASTM D7548
Temperature Setting: 37.8°C (100°F)
Bath Tank Volume: 1.3 Gallons
Heating/Cooling: Peltier Regulating System
Stirring Speed: 100 RPM; 900 RPM

Dimensions l x w x h, in.(cm)
15x23x14 (38.1x58.5x35.5)
Net Weight: 35 lbs (15.9kg)

Included Accessories
5ml Syringe with 63.5 mm (2.5 in) long needle
Temperature Probe (4)
Test Jar, 90 ml capacity, flat-bottom (4)
Test Jar Cap (4)
Port Cover (4)
Corrosion Test Specimen Assembly (4)
Magnetic Stirrer Bar according to ASTM (5)
O-Ring (4)
Ethernet Crossover Cable (1)