

Product Name :
Astra Scientific Copper Strip Corrosion Test Apparatus

Product Code :
FuelTesting0024



Description :

Astra Scientific Copper Strip Corrosion Test Apparatus

Technical Specification :

Standard: ASTM D130; IP 154 FSPT DT-28-65; ISO 2160; DIN 51759; FTM 791-5325; NF M 07-015

Test Method: The Copper Strip Tarnish Test assesses the relative degree of corrosivity of petroleum products, including aviation fuels, automotive gasoline, natural gasoline, solvents, kerosene, diesel fuel, distillate fuel oil, lubricating oil and other products. A polished copper strip is immersed in 30mL of sample at elevated temperature. After the test period, the strip is examined for evidence of corrosion and a classification number from 1-4 is assigned based on a comparison with the ASTM Copper Strip Corrosion Standards. For aviation fuels and natural gasoline the sample tube is placed inside a stainless steel bomb during testing.

TEST BOMB BATHS: Thermostatically controlled water bath immerses Copper Strip Corrosion Test Bombs at the required depth per ASTM specifications. Use for testing aviation gasoline, aviation turbine fuel and natural gasoline. Fully insulated, double-wall stainless steel construction. Soxhlet reflux condenser and constant water level device maintain proper working depth. Choice of four-bomb and eight-bomb models. Optional removable test tube rack converts four-bomb model for

testing of products not requiring corrosion bomb.

Specifications:

Conforms to the specifications of: ASTM D130; IP 154 FSPT DT-28-65; ISO 2160; DIN 51759; FTM 791-5325; NF M 07-015

Testing Capacity - K25310/K25319: four (4) copper strip corrosion test bombs: eight (8) copper strip corrosion test bombs *or sixteen (16) test tubes with optional test rack

Maximum Temperature: 221°F (105°C)

Temperature Control Stability: $\pm 1^\circ\text{F}$ ($\pm 0.5^\circ\text{C}$)

Heater Range: 0-750W

Bath Medium: 5 gal (18.9L) water

Temperature Control: Analog

Electrical Requirements: 115V 60Hz, Single Phase, 7.5A ; 220-240V 50/60Hz, Single Phase, 4A

Specifications:

Conforms to the specifications of: ASTM D130, D6074, D6158; FSPT DT-28-65; IP 154; ISO 2160; DIN 51759; FTM 791-5325; NF M 07-015

Capacity: 17 test tubes

Maximum Temperature: 190°C (374°F)

Temperature Control Stability: $\pm 1^\circ\text{C}$ ($\pm 2^\circ\text{F}$)

Heater Range: 0-750W

Bath Medium: 5 gal (18.9L) water or high temperature heater transfer fluid

Temperature Control : Digital

Electrical Requirements: 115V 60Hz, Single Phase, 7.5A ; 220-240V 50/60Hz, Single Phase, 4A



Astra Scientific

www.astrascientific.com, Email: info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265

