

COPPER CORROSION FROM LUBRICATING GREASE

Test Method

Measures the tendency of lubricating grease to corrode copper under static conditions. A polished copper strip is immersed in a sample of grease at elevated temperature for a specified period. The strip is examined for corrosion and a classification number from 1-4 is assigned based on a comparison with the ASTM Copper Strip Corrosion Standards.

Copper Strip Tarnish Test Apparatus

- Conforms to ASTM D4048 specifications

Ordering Information		
Catalog No.		Order Qty
K25330	Test Tube Bath, 115V 60Hz Constant temperature bath with microprocessor temperature control. Control features °C/°F switchable digital setpoint and display and overtemperature cut-off protection. Temperature range from ambient to 190°C (374°F) with ±1°C (±2°F) stability. Welded stainless steel inner wall and powder coated steel outer wall construction, fully insulated	1
K25339	Test Tube Bath, 220-240V 50/60Hz	
K25308	Test Jar Rack Inserts in K25330/K25339 baths to hold sixteen 332-004-001 Test Jars	1
332-004-001	Test Jar	16
K25080	Copper Test Strip Conforming to ASTM specifications	16
380-150-001	Silicone Carbide Paper, 150 grit For polishing of test strips Pack of 50 sheets	1
380-240-001	Silicone Carbide Paper 240 Grit For final polishing of test strips Pack of 50 sheets	1
380-150-000	Silicone Carbide Grain, 150 Grit For final polishing of test strips. 1 lb package	1
K25000	Polishing Vise Holds copper strip firmly in place without marring the edges. Stainless steel, mounted on a composition base	1
K25100	ASTM Copper Corrosion Standards Colored reproductions of tarnished strips encased in plastic	1
332-004-002	Viewing Test Tube Protects copper strip during inspection or storage	16
250-000-130F	ASTM 130F Thermometer Range: 20 to 220°F	1
250-000-130C	ASTM 130C Thermometer Range: -7 to +105°C	1
K460-0-8	Vented Cork	16

For NIST traceable certified thermometers, please refer to the ASTM Thermometer section on pages 184 through 191.



K25339 Constant Temperature Bath with 332-004-001 Test Jars

Specifications:

Conforms to the specifications of:
 ASTM D4048, FTM 791-5309
 Test Tube Bath Capacity: 16 test jars
 Maximum Temperature: 190°C (374°F)
 Temperature Control Stability: ±1°C (±2°F)
 Bath Medium: 5 gal (18.9L) water or high temperature heat transfer fluid
 Electrical Requirements: **CE**
 115V 60Hz, Single Phase, 7.5A
 220-240V 50/60Hz, Single Phase, 4A

Dimensions

l x w x h, in. (cm)
 15½ x 12½ x 14 (39 x 32 x 36)
 Net Weight: 27 lbs (12.2kg)

Shipping Information

Shipping Weight: 40 lbs (18.1kg)
 Dimensions: 7.8 Cu. ft.