

FREEZING POINT OF AQUEOUS ENGINE COOLANT SOLUTION

Test Method

Determines the freezing point of aqueous engine coolant solutions by cooling a sample with continuous agitation until a plateau is observed in a time-temperature curve.

Freezing Point Apparatus

- Conforms to ASTM D1177 specifications

Determines freezing points of aqueous engine coolants. Includes 200mL freezing tube with drilled cork, outer flask, motorized stirrer, clamps and stand. Similar to K29700 Freezing Point Apparatus.

Electrical Requirements: **CE**

115V 60Hz
220-240V 50Hz
220-240V 60Hz

Ordering Information		
Catalog No.		Order Qty
K29750	Freezing Point Apparatus, 115V 60Hz	1
K29758	Freezing Point Apparatus, 220-240V 50Hz	
K29759	Freezing Point Apparatus, 220-240V 60Hz	
250-000-75F	ASTM 75F Thermometer Range: -35 to +35°F	1
250-000-76F	ASTM 76F Thermometer Range: -65 to +5°F	

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



K29750 Freezing Point Apparatus

COLOR OF MALEIC AND PHTHALIC ANHYDRIDES



K56300 Anhydride Purity Bath

Test Method

Molten samples of maleic or phthalic anhydride are compared with Platinum-Cobalt color standards for determining sample purity and the qualitative stability in the presence of contaminants. High color content normally indicates contamination.

Anhydride Purity Bath

- Conforms to ASTM D3366 specifications
- Redundant overtemperature protection circuitry
- Microprocessor-based temperature controller

Electrically heated aluminum block features a microprocessor-based temperature controller with overtemperature protection circuitry and a dual LED temperature display. The heating unit provides temperature stability, heating rates, and minimal temperature gradients which exceed ASTM specifications, and is housed in an insulated steel cabinet with a chemically-resistant painted finish. Up to six samples can be tested at a time using Nessler tubes. Visual color comparisons are made against solutions of Platinum-Cobalt color standards. (Please refer to pages 44-47 for Koehler's line of color measurement and comparison instrumentation.)

Dimensions lwxh,in.(cm)
12x12x21 (31x31x54)
Net Weight: 65 lbs (30 kg)
Electrical Requirements: **CE**
115V 60Hz
220-240V 50/60Hz

Shipping Information
Shipping Weight: 76 lbs (35 kg)
Dimensions: 9 Cu. ft.

Ordering Information		
Catalog No.		Order Qty
K56300	Anhydride Purity Bath, 115V 60Hz	1
K56390	Anhydride Purity Bath, 220-240V 50/60Hz	
K56306	Nessler Tubes	6