

Density, Relative Density (Specific Gravity), or API Gravity

constant temperature hydrometer bath

- Holds 12 hydrometer cylinders
- Can be used for Reid Vapor Pressure immersion type cylinders
- Conforms to ASTM D323, D1298, D6074, D6158 & related specifications

A versatile constant temperature bath designed for density/gravity determinations of petroleum products at temperatures of up to 195°F (90°C), and also for Reid Vapor Pressure determinations using immersion bombs. Microprocessor PID control provides quick temperature stabilization without overshoot and the unit is protected by an overtemperature control circuit that interrupts power should bath temperature exceed a programmed cut-off point. Dual LED displays provide actual and setpoint temperature values in °C/°F. Communications software (RS232, etc.), ramp-to-set and other enhanced features are available as extra cost options.

Also available—Special bath to accommodate both ASTM D323 (Vapor Pressure of Petroleum Products—Reid Method) and D942 (Oxidation Stability of Lubricating Greases by the Oxygen Bomb Method), as well as D525 (Oxidation Stability of Gasoline—Induction Method). Please contact a Koehler Customer Service representative for additional information.

ordering information

catalog no.	description	
K26400	Constant Temperature Hydrometer Bath, 115V 60Hz	1
K26490	Constant Temperature Hydrometer Bath, 230V 50/60Hz	

accessories

K26410	Hydrometer Cylinder 12 Borosilicate glass, 15.5"lx2" dia. with 2.5" lip	
250-000-61F	ASTM 61F Thermometer Range: 90 to 260°F	1
250-000-61C	ASTM 61C Thermometer Range: 32 to 127°C	



K26400 Constant Temperature Hydrometer Bath

specifications

Capacity: twelve (12) hydrometer cylinders (without base) or Reid Vapor Pressure one-opening type bombs
Temperature Range: ambient to 250°F (121°C)
Temperature Control Stability: $\pm 0.2^\circ\text{F}$ ($\pm 0.17^\circ\text{C}$)
Heater Range: 0-2500W
Bath Medium: 19 gal (71.9L) water

Electrical Requirements

115V 60Hz, Single Phase, 22A
230V 50/60Hz, Single Phase, 11A

Dimensions l x w x h, in.(cm)

30x14x28 (76x36x71) Net Weight: 64 Lbs (29.0kg)

Shipping Information

Shipping Weight: 118 lbs (53.5kg) Dimensions: 11.4 Cu. ft.

constant temperature hydrometer bath

- Accommodates one standard 2"x15" (51x380mm) hydrometer cylinder with base
 - Compact design saves space
- Thermostatically controlled water bath with 500W copper immersion heater and hydraulic thermoregulator for operation at temperatures of up to 210 $\pm 2^\circ\text{F}$ (99 $\pm 1^\circ\text{C}$). Holds one 2"x15" (51x381mm) hydrometer jar — top of jar extends 1.5" (38mm) above the top of the bath for easy viewing of the hydrometer. Insulated double-wall construction with stainless steel tank and shelf and finished steel exterior. Has variable speed control for magnetic stirrer, temperature control dial, and on/off switches for motor and power.

ordering information

catalog no.	description	
K26200	Constant Temperature Hydrometer Bath, 115V 60Hz	
K26290	Constant Temperature Hydrometer Bath, 230V 50/60Hz	

specifications

Temperature Range: Ambient to 210°F (99°C)
Temperature Control Stability: $\pm 2^\circ\text{F}$ ($\pm 1^\circ\text{C}$)
Bath Medium: 2 gal (7.57L) water

Electrical Requirements

115V 60Hz, Single Phase, 4.3A
230V 50/60Hz, Single Phase, 2.2A

Dimensions dia.xh.(cm)

Bath Interior: 6x16.5 (15x42)
Overall: 9x22 (23x56)
Net Weight: 20 lbs (9.1kg)

Shipping Information

Shipping Weight: 35 lbs (15.9kg)
Dimensions: 5 Cu. ft.



K26200 Hydrometer Bath