

# Dropping Point of Lubricating Grease Over Wide Temperature Range

## test method

The ASTM D2265 dropping point test permits higher temperatures than the ASTM D566 method and uses a different heating procedure: the test cell is inserted in an aluminum block oven maintained at a constant temperature that is higher than the expected dropping point of the sample. The sample temperature then rises to the dropping point without operator control.

## high temperature dropping point apparatus

- Conforms to ASTM D2265, D4950, and ISO 6299 specifications
- Six-sample testing capability
- Microprocessor programmable high accuracy temperature control

Tests dropping points of lubricating greases at temperatures of up to 400°C (752°F). Includes thermostatically controlled aluminum block oven and six complete dropping point assemblies. Six-place oven has large viewing ports with fluorescent backlighting for excellent visibility. Microprocessor PID control provides quick temperature stabilization without overshoot and the bath is protected by an overtemperature control circuit that interrupts power should block temperatures exceed a programmed cut-off point. Dual LED displays provide actual and setpoint temperature values in °C/°F format.

Communications software (RS232, etc.), ramp-to-set and other enhanced features are available as extra cost options. Contact your Koehler representative for information. Microprocessor temperature control with digital readout and overtemperature safety cut-off maintains block temperature with  $\pm 0.5^\circ\text{C}$  stability. Insulated cabinet has a chemical resistant polyurethane finish.

## ordering information

catalog no.	description	qty
K19400	High Temperature Dropping Point Apparatus, 115V 60Hz	1
K19410	High Temperature Dropping Point Apparatus, 220-240V 50/60Hz	

### accessories

250-000-03F	ASTM 3F Thermometer Range: 20 to 760°F	7
250-000-03C	ASTM 3C Thermometer Range: -5 to +400°C	
K194E7	Cup Plug Gauge Per Fig. 1, ASTM D566 and Fig. 1-E-7, ASTM D2265	1
K194EA	Grease Cup	
K194EB	Test Tube, 13x100mm	
K194EC	Cup Support	
K194E1	Thermometer Clamp	
K194E2	Upper Bushing	
K194E3	Lower Bushing	
K194E4	Bushing Support Ring	
K194E5	Thermometer Depth Gauge	
K194E6	Polished Metal Rod	



K19400 High Temperature Dropping Point Apparatus

## specifications

Conforms to the specifications of:  
ASTM D2265, ASTM D4950, ISO 6299  
Maximum Temperature: 400°C (752°F)  
Control Stability:  $\pm 0.5^\circ\text{C}$  ( $\pm 1^\circ\text{F}$ )

### Electrical Requirements

115V 60Hz, Single Phase, 6.5A  
220-240V 50/60Hz, Single Phase, 3.4A

### Included Accessories

Dropping Point Assemblies (6) consisting of: test tube, grease cup, thermometer clamp, upper and lower bushings and bushing support ring  
Thermometer Depth Gauge  
Polished Metal Rod  
Cup Support

### Dimensions lwxh,in.(cm)

111/2x9x14 (29x23x36)  
Net Weight: 241/2 lbs (11.1kg)

### Shipping Information

Shipping Weight: 31 lbs (14.1kg)  
Dimensions: 2.6 Cu. ft.

*Please inquire about our Automated Dropping Point Test Equipment by contacting Koehler's Customer Service.*