



## DROP POINT APPARATUS FOR LUBRICATING GREASE - ASTM D2265 -

### Compliance with following International Standards

ASTM D2265

### Purpose

This test method covers the determination of the dropping point of lubricating grease.

### Significance & Use

The dropping point is useful to assist in identifying the grease as to type and for establishing and maintaining bench marks for quality control.

### Apparatus Details

The complete test assembly consists of following parts & accessories

#### 1) Grease Cup

- A chromium-plated brass cup conforming to ASTM D2265.
- No of cups : 06 Nos

#### 2) Test Tube

- Thin walled soft glass test tube with rim
- Length :  $110 \pm 1$  mm
- Inside diameter : 11 mm
- Outside diameter : 13 mm max
- No of tubes : 06 Nos

#### 3) Cup support

- Glass support tubing
- Length :  $16 \pm 1$  mm
- Inside diameter : 9-10 mm
- Outside diameter : 9.8 mm



#### Corporate Office:

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#### Calibration Laboratory:

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GST TIN No. : 24AABCE4018L1ZU  
I.T. PAN No. : AABCE 4018L  
IEC No. : 0813026598 Dt. 04/03/2014  
CIN No. : U29199GJ2004PTC045078  
TAN No. : AHME00572F



- Outside diameter : 6.9 mm
- No of support : 06 Nos

#### 4) Accessories

The entire instrument will be supplied with essential accessories such as Thermometer clamp, bushing, bushing support ring, thermometer depth gauge, a metal rod and a cup gauge.

#### 5) Aluminum block oven

- Digitally controlled Aluminum block oven
- Rectangular design
- Complete stainless Steel structure
- Exterior body : Constructed from matt finished stainless steel material S.S. - 304 Grade
- Inner body : Aluminum block with 6 vertical holes & six horizontal drill holes
- Viewing ports : Six large viewing ports with fluorescent back lighting for excellent visibility.
- Temp measurement : By Pt-100 temperature sensor
- Temperature range : +5 °C above ambient to 400 °C
- Temperature control : By microprocessor based Auto-Tune Digital PID Temperature controller cum Indicator
- Temperature Display : LED Display
- Dual LED Display : For set point temperature and process value temperature indication
- Temp accuracy :  $\pm 0.5^{\circ}\text{C}$
- Temp resolution :  $0.1^{\circ}\text{C}$
- Safety features : Over temperature safety cut-off system
- Operates on : 230 Volts, 50 Hz, Single Phase, AC Supply
- Power consumption : 2 KW, 8 Ampere
- Accessories : Supplied complete with six dropping point assemblies
- Microprocessor temperature control with digital readout and over temperature safety cut-off maintains block temperature with  $\pm 0.5^{\circ}\text{C}$  stability. Insulated cabinet has a chemical resistant polyurethane finish.

#### 6) Thermometer for Aluminum block oven (At Extra cost)

- Temperature Range :  $-5^{\circ}\text{C} / 400^{\circ}\text{C} \times 1^{\circ}\text{C}$
- Total length : 400 mm

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- Total Length : 400 mm
- ASTM No : ASTM 3C
- Equivalent IP No : IP 73C

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