

## GREASES

### EVAPORATION

#### **ASTM D972 IP 183 EVAPORATION LOSS OF LUBRICATING GREASES AND OILS**

*his test method covers the determination of the loss in mass by evaporation of lubricating greases and oils for applications where evaporation loss is a factor. Evaporation loss data can be obtained at any temperature in the range from 100 to 150°C (210 to 300°F)*

#### **ASTM D2878 ESTIMATING APPARENT VAPOR PRESSURES AND MOLECULAR WEIGHTS OF LUBRICATING OILS**

*This test method covers a calculation procedure for converting data obtained by Test Method D972 to apparent vapor pressures and molecular weights. It has been demonstrated to be applicable to petroleum-based and synthetic ester lubricating oils, at temperatures of 395 to 535K (250 to 500°F). However, its applicability to lubricating greases has not been established.*

Stainless steel oil bath with insulated double wall, cover with two holes for evaporation cells, two flowmeters. stainless steel control box on the cover, temperature controlled by digital thermoregulator PID with PT100 probe class A and overtemperature alarm, stainless steel heater, motor stirrer, safety internal level for low liquid with warning lamp.

Technical specifications:

- Temperature: from ambient to 180°C (356°F)
- Stability: ±0.3°C
- Power supply: 230V ±10% 50/60Hz
- Power: 3200W
- Dimensions: 58x46x54 cm
- Weight: 27 kg

### 2050 EVAPORATION GREASES BATH

#### **ACCESSORIES ON REQUEST**

10-2050	EVAPORATION CELL Stainless steel cylindrical body with neck flange and three cell connections for the tight cover closure, double bottom with 3.17 mm orifice, brass pre-heating coil with cell connections and air inlet tube, stainless steel cover with PTFE gaskets fitted with 3 blocking screws. Central air flow-off connected to an 18/8 stainless steel tube with lower threaded junction for connection with the test cup.
10-2051/G	GREASE SAMPLE CUP For greases
10-2051/O	OIL SAMPLE CUP For lubricating oil
10-2052	FILTERING PIPE Ø25x400 mm, with glass wool
2460/2180	AIR PUMP
2470/EL600	ELECTRONIC BALANCE Range 600 g., readout 0.01, pan Ø130
T-AS22C	THERMOMETER ASTM 22C IP 24C
T-AS67C	THERMOMETER ASTM 67C

#### **CONSUMABLES x 2 YEARS**

15-2051	PTFE GASKET, pack of 10 pcs
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#### **SPARE PARTS**

15-2052	FLOWMETER
14-0001	PROBE PT100A
11-0012/19	HEATER
15-0003/200	LEVEL SWITCHC
16-0005	DIGITAL THERMOREGULATOR
15-0015	STATIC RELAY
15-0004	BIPOLAR GREEN SWITCH
12-0001	MOTOR STIRRER

