

CLOUD AND POUR POINT

ASTM D97 IP 15 ISO 3016 POUR POINT OF PETROLEUM PRODUCTS

This test method covers and is intended for use on any petroleum product. A procedure suitable for black specimens, cylinder stock, and nondistillate fuel oil

ASTM D2500 IP 219 EN 23015 ISO 3015 CLOUD POINT OF PETROLEUM PRODUCTS

This test method covers only petroleum products and biodiesel fuels that are transparent in layers 40 mm in thickness, and with a cloud point below 49°C (120°F)

ASTM D5853 IP 441 POUR POINT OF CRUDE OILS

This test method covers two procedures for the determination of the pour point temperatures of crude oils down to -36°C.

Resistant structure painted with anti-acid epoxidic products, fitted with 4 wheels with brake. Glossy-black PVC cover with small stand-by covers, aluminium blocks with holes for accommodate the graduated jars, equipped with a hole where the thermometer is placed. Temperature is controlled by digital thermoregulator fitted with a probe PT100 A. Automatic defrosting device under the cover, earth leakage circuit breaker, independent compressors CFC free refrigerant gases are used.

490/HS/140 CLOUD AND POUR POINT REFRIGERATOR UP TO -69°C (4 POSITIONS)

Heating element controlled by an independent switch for a quick return to a ambient temperature.

- Power supply: 230V ±10% 50Hz
- Power: 1300W
- Dimensions: 60x70x100 cm
- Weight: 110 kg

500/S CLOUD AND POUR POINT REFRIGERATOR 0° -18° -33° -51°C (4 POSITIONS FOR EACH TEMPERATURE)

- Power supply: 230V ±10% 50Hz
- Power: 2900W
- Dimensions: 133x72x100 cm
- Weight: 208 kg

510/S CLOUD AND POUR POINT REFRIGERATOR 0° -18° -33°C (4 POSITIONS FOR EACH TEMPERATURE)

- Power supply: 230V ±10% 50Hz
- Power: 2600W
- Dimensions: 104x72x100 cm
- Weight: 156 kg.

520/S CLOUD AND POUR POINT REFRIGERATOR 0° -18° -33° -51° -69°C (4 POSITIONS FOR EACH TEMPERATURE)

- Power supply: 230V ±10% 50Hz
- Power: 3700W
- Dimensions: 180x72x100 cm
- Weight: 285 kg

530/S CLOUD AND POUR POINT REFRIGERATOR +50° 0° -18° -33° -51° -69°C (4 POSITIONS FOR EACH TEMPERATURE)

- Power supply: 230V ±10% 50Hz
- Power: 3900W
- Dimensions: 210x72x100 cm
- Weight: 335 kg

ACCESSORIES ON REQUEST

10-0491	TEST JAR SET, pack of 4 pcs Graduated glassware ASTM. Complete with cork for thermometer, o-ring and cork disk for rest test jar
10-0490/S	FRAMEWORK FOR 490/HS/140 For lead up to 150 cm
10-0500/S	FRAMEWORK FOR cm 500/S For lead up to 150 cm
10-0510/S	FRAMEWORK FOR PER 510/S For lead up to 150 cm
10-0520/S	FRAMEWORK FOR PER 520/S For lead up to 150 cm
10-0530/S	FRAMEWORK FOR PER 530/S For lead up to 150 cm
10-0332	DIGITAL STOPWATCH 7 digit LCD, max.10 hours, 1/100 sec, digit h=8 mm
15-1441/A	SUPPORT FOR VESSEL ASTM D130 D5853 For 4 pressure vessel
10-1441/B	PRESSURE VESSEL ASTM D130 D5853 Made of stainless steel, tested at 10 bar/21 psi
1230	WATER/OIL BATH Structure made of stainless steel, temperature regulation by digital thermoregulator PID with PT100 probe class A and overtemperature alarm, stainless steel heater, cooling coil, motor stirrer, insulated double wall, safety internal level for low liquid with warning lamp. Technical specifications: - Temperature: from ambient to 120°C (248°F) ±0.1°C - Bath capacity: 5 about liters - Power supply: 230V ±10% 50/60Hz - Power: 1200W - Dimensions: 27x39x45 cm - Weight: 8 kg
T-AS5C	THERMOMETER ASTM 5C IP 1C
T-AS6C	THERMOMETER ASTM 6C IP 2C
T-AS61C	THERMOMETER ASTM 61C IP63C

CONSUMABLES x 2 YEARS

15-0491	TEST JAR, pack of 4 pcs x2
15-0492	CORK, pack of 4 pcs x2
15-0493	CORK DISC, pack of 4 pcs x2
15-0494	O-RING, pack of 4 pcs x2

SPARE PARTS

14-0006	PROBE PT100A
11-0490	HEATER (for 490/HS/140)
16-0005	DIGITAL THERMOREGULATOR
11-0017	DEFROSTING HEATER 10W
11-0018	DEFROSTING HEATER 15W
15-0016/220	RELAY
15-0021	TIMER
15-0004	BIPOLAR GREEN SWITCH
15-0019	EARTH LEAKAGE CIRCUIT BREAKER
15-2412	EARTH LEAKAGE CIRCUIT BREAKER (for 520/S and 530/S)

CLOUD AND POUR POINT



1 places conventional model with dry ice (CO_2) (not included) external cooling, consisting of Dewar flask fully silvered with metal protection and PVC cover, metal air jacket for support test jar.

Technical specifications:

- Temperature: up to -69°C (-92°F) with dry ice
- Dimensions: $\varnothing 130 \times 310$ mm
- Weight: 1.5 kg.

540 CONVENTIONAL CLOUD AND POUR POINT APPARATUS



ACCESSORIES ON REQUEST

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|---------|---|
| 10-0491 | TEST JAR SET, pack of 4 pcs
Graduated glassware ASTM.
Complete with cork for thermometer, o-ring and
cork disk for rest test jar |
| 10-0332 | DIGITAL STOPWATCH
7 digit LCD, max.10 hours, 1/100 sec,
digit h=8 mm |
| T-AS5C | THERMOMETER ASTM 5C IP 1C |
| T-AS6C | THERMOMETER ASTM 6C IP 2C |
| T-AS61C | THERMOMETER ASTM 61C IP 63C |

CONSUMABLES x 2 YEARS

- | | |
|---------|-----------------------------|
| 15-0491 | TEST JAR, pack of 4 pcs x2 |
| 15-0492 | CORK, pack of 4 pcs x2 |
| 15-0493 | CORK DISC, pack of 4 pcs x2 |
| 15-0494 | O-RING, pack of 4 pcs x2 |

SPARE PARTS

- | | |
|---------|------------------------------------|
| 15-0540 | DEWAR $\varnothing 100 \times 240$ |
| 15-0541 | METAL JACKET |
| 15-0542 | BRASS SUPPORT |