

VISCOSITY

SAYBOLT

ASTM D88 SAYBOLT VISCOSITY

Covers the empirical procedures for determining the Saybolt Universal or Saybolt Furol viscosities of petroleum products at specified temperatures between 21 and 99°C (70 and 210°F).

ASTM E102 SAYBOLT FULOL VISCOSITY OF BITUMINOUS MATERIALS AT HIGH TEMPERATURES

This test method covers the empirical procedures for determining the Saybolt Furol viscosities of bituminous materials at specified temperatures between 120 and 240°C (248 and 464°F).

Structure made in stainless steel, with front opened jacket, equipped with: bath with capacity of about 10 liters, calibrated brass oil cup with stainless steel flowing orifice, polished and calibrated Ø1.76 mm Universal and Ø3.15 mm Furol, orifice wrench and thermometer support. Temperature regulation by digital thermoregulator PID with PT100 probe class A and overtemperature alarm, stainless steel heater, cooling coil, motor stirrer, insulated double wall, external level indicator and safety internal level for low liquid with warning lamp.

Technical specifications:

- Temperature: from ambient to 240°C (464°F)
- Stability: ±0.1°C
- Bath capacity: 10 about liters
- Power supply: 230V ±10% 50/60Hz
- Power: 1200W
- Dimensions: 40x29x61 cm
- Weight: 12 kg

180 SAYBOLT VISCOMETER

180/2 SAYBOLT VISCOMETER (2 POSITIONS)

180/3 SAYBOLT VISCOMETER (3 POSITIONS)

180/4 SAYBOLT VISCOMETER (4 POSITIONS)

ACCESSORIES ON REQUEST

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|------------|---|
| 10-0161 | FILTER FUNNEL
With interchangeable 150 µm (No.100) and 75 µm (No.200) wire cloth |
| 10-0162 | SAYBOLT FLASK, 60 ml |
| 10-0164 | WITHDRAWAL TUBE |
| 10-0167 | DISPLACEMENT RING ASTM E102 |
| 10-0168 | SUCTION PIPETTE |
| 10-0169 | CUP COVER |
| 10-0171 | CUP CLEANING PLUNGER |
| 10-0332 | DIGITAL STOPWATCH
7 digit LCD, max.10 hours, 1/100 sec, digit h=8 mm |
| 10-0371/20 | SILICONE OIL 20 cSt, pack of 25 kg
For temperature from ambient to 120°C (248°F) |
| 10-0371/50 | SILICONE OIL 50 cSt, pack of 25 kg
For temperature from 100°C (212°F) to 200°C (392°F) |

For ASTM D88

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| T-AS17C | THERMOMETER ASTM 17C |
| T-AS17F | THERMOMETER ASTM 17F |
| T-AS18C | THERMOMETER ASTM 18C |
| T-AS18F | THERMOMETER ASTM 18F |
| T-AS19C | THERMOMETER ASTM 19C |
| T-AS19F | THERMOMETER ASTM 19F |
| T-AS20C | THERMOMETER ASTM 20C |
| T-AS20F | THERMOMETER ASTM 20F |
| T-AS21C | THERMOMETER ASTM 21C |
| T-AS21F | THERMOMETER ASTM 21F |
| T-AS22C | THERMOMETER ASTM 22C |
| T-AS22F | THERMOMETER ASTM 22F |

For ASTM E102

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| T-AS77F | THERMOMETER ASTM 77F |
| T-AS78F | THERMOMETER ASTM 78F |
| T-AS79F | THERMOMETER ASTM 79F |
| T-AS80F | THERMOMETER ASTM 80F |
| T-AS81F | THERMOMETER ASTM 81F |
| T-AS108F | THERMOMETER ASTM 108F |
| T-AS109F | THERMOMETER ASTM 109F |



CONSUMABLES x 2 YEARS

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| 10-0162 | SAYBOLT FLASK, 60 ml x3 |
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SPARE PARTS

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|-------------|------------------------------------|
| 15-0163 | THERMOMETER SUPPORT |
| 15-0165 | UNIVERSAL ORIFICE |
| 15-0166 | FULOL ORIFICE |
| 15-0165/W | ORIFICE WRENCH |
| 15-0172/W | CUP WRENCH |
| 15-0172 | CALIBRATED OIL CUP WITHOUT ORIFICE |
| 14-0001 | PROBE PT100A |
| 11-0012/13 | HEATER 2200W |
| 15-0003/200 | LEVEL SWITCH |
| 16-0007 | DIGITAL THERMOREGULATOR |
| 15-0015 | STATIC RELAY |
| 15-0004 | BIPOLAR GREEN SWITCH |
| 12-0001 | MOTOR STIRRER |