

DEMULSIBILITY AND FOAMING

HERSCHEL

ASTM D1401 ISO 6614 DIN 51599 (obs) WATER SEPARABILITY OF PETROLEUM OILS AND SYNTHETIC FLUIDS

This test method covers measurement of the ability of petroleum oils or synthetic fluids to separate from water. Although developed specifically for steam-turbine oils having viscosities of 28.8–90 mm²/s at 40°C, this test method may be used to test oils of other types having various viscosities and synthetic fluids at other test temperatures. It is recommended, however, that the test temperature be raised to 82 ±1°C when testing products more viscous than 90 mm²/s at 40°C. For higher viscosity oils where there is insufficient mixing of oil and water, Test Method D2711 is recommended.

Borosilicate tank, cover with 4 holes for test cylinder, leakage protection vessel made of tempered glass, supplied with cork disk supporting and stainless steel base, stainless steel heater controlled by a digital thermoregulator PID and probe PT100A, overtemperature alarm, programmable digital timer for duration of the test, motor stirrer for bath, centering for 4 emulsion cylinders, bar supporting the stirrer motor with stop system allowing the exact immersion of the blade agitator, variable speed controller 150 to 1999 rpm, stainless steel blade agitator 19x1.5mm L=120 mm connected to a stainless steel 6 mm shaft.

Technical specifications:

- Temperature: from ambient to 150°C (302°F)
- Stability: ±0.1°C
- Power supply: 230V ±10% 50/60Hz
- Power: 1200W
- Dimensions: 35x35x92 cm
- Weight: 28 kg

1850/MAN MANUAL HERSCHEL

Structure with 3 independent positions and rear illumination, stainless steel heater controlled by a digital thermoregulator PID and probe PT100A, overtemperature alarm, 3x independent variable stirrer motor and is lowered and raised automatically, 3x programmable digital timers for duration of the test, motor stirrer for bath, variable speed controller 150 to 1999 rpm, stainless steel blade agitator 19x1.5mm L=120 mm connected to a stainless steel 6 mm shaft. Max temperature 150°C

1850/SEM SEMI-AUTOMATIC HERSCHEL EMULSIFIER



ACCESSORIES ON REQUEST

10-1851	CYLINDER 100 ml., div.1
T-AS19C	THERMOMETER ASTM 19C
T-AS21C	THERMOMETER ASTM 21C

CONSUMABLES x 2 YEARS

10-1851	CYLINDER x8 100 ml., div.1
---------	-------------------------------

SPARE PARTS

15-1850	STIRRING PADDLE
15-1852	SUPPORT FOR 6 CYLINDER
14-0001	PROBE PT100A
11-1850	HEATER
16-0005	DIGITAL THERMOREGULATOR
15-0003/120	LEVEL SWITCH PPS
15-0015	STATIC RELAY
15-0004	BIPOLAR GREEN SWITCH
15-0005	BIPOLAR YELLOW SWITCH
12-0001	MOTOR STIRRER

