

EMULSIFICATION

96600-3 HERSCHEL EMULSIFIER

ASTM D1401; IP 412; ISO 6614; NF T60-125

- 5 test and 2 pre-heat positions
- Consistent emulsification conditions
- 25 to 150°C temperature range
- 50 to 1800 rev/min variable speed stirrer
- RS232 interface

A heated bath with stirrer to allow water and a test sample to be emulsified consistently, prior to measuring the time taken for separation to occur.

The unit accommodates up to seven test vessels (five working and two sample pre-heat positions) in an oil bath. The bath is heated to and maintained at any set temperature between 25 and 150°C. The unit is a combined heater and re-circulating pump, with digital temperature control and display, RS232 interface for connection to a personal computer, and over-temperature and low fluid level warning devices.

The stirrer head can be rotated over each test vessel in turn, and is locked accurately in position by a detent pin. The stirrer head houses a motor and variable speed controller, with a range of 50 to 1800 rev/min, and a digital tachometer. The stirrer control unit incorporates a digital timer and display, and provides power to the stirrer head and the heater unit.

SUPPLIED WITH: mains lead and instruction manual.



96600-3

SPECIFICATIONS

Voltage:	110/120V, 60Hz 220/240V, 50Hz
Power:	2050W (220V version) 1550W (110V version)
Size (HxWxD):	74 x 40 x 35cm
Weight:	19kg

ACCESSORIES - Herschel Emulsifier

REQUIRED

- 94632-0 SILICONE OIL, 20 litres, for filling bath, for use up to 150°C.
OR
94633-0 BATH OIL, 20 litres, for filling bath, for use up to 100°C.
96511-0 GLASS CYLINDER, borosilicate glass, 100ml graduated (7 required).

THERMOMETERS:

ASTM 19C; 19F; 21C; 21F

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DEMULSIFICATION

16500-0 SETA DEMULSIFICATION APPARATUS

IP 19; BS 2000 Part 19; DIN 51 589-1; NF T60-156

Comprises a glass bodied steam generator, emulsifying bath, separating bath and oil container.

SUPPLIED WITH: steam piping, auxiliary steam line, screw clips, connecting tubes and instruction manual.



16500-0 (Stand & clamp supplied separately)

SPECIFICATIONS

Size (HxWxD):	45 x 35 x 35cm
Weight:	3kg

ACCESSORIES - Demulsification Apparatus

REQUIRED

- 10720-0 SETA BURNER, for coal gas.
OR
10740-0 SETA BURNER, for LPG.
OR
10750-0 SETA BURNER, for natural gas (Methane).
OR
25000-3 SETA-HOT, 1000W electric heater with variable heat control, (for details see page 147).
24500-0 SETA STEEL STAND
24520-0 CLAMP, 2 to 90mm diameter capacity.
24650-2 BOSSHEAD, to fit 24520-0.

THERMOMETERS:

IP3F or IP3C.

OPTIONAL

- 22750-2 DIGITAL STOPWATCH, hand-held, 0.1s resolution, (for details see page 160).