



Herschel Emulsifying



LT/HE-186000/M



LT/HE-185000A-/M



ASTM D1401
DIN 51599
ISO 6614

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.

Art. LT/HE-185000-A/M

Semiautomatic Herschel Emulsifier

- Bath housed in a Pyrex® tank Ø 200 mm mounted on a painted resistance stainless steel chassis
- Stainless steel heater
- Digital thermoregulator with PID temperature control and PT100 probe A Class
- Safety thermostat for overtemperature protection and warning lamp
- Motor stirrer for temperature stability of the bath
- 6 places rotating support able to accommodate up to 6 test graduated glass cylinders
- Square bar, with safety metal block, supporting the motor stirrer with digital display for setting and reading current speed rotation (adjustable range from 50 to 2000 rpm)
- Stainless steel blade agitator 19 × 1.5 mm L = 120.6 mm with shaft
- Programmable digital timer to start and end the analysis automatically
- Double fuses for power supply protection
- Two poles main switch with operating lamp
- Power supply 220 Vac 50/60 Hz

Dimensions and Weight

- 50 × 50 × 70 cm
- 30 kg

Art. LT/HE-186000/M

Semiautomatic Herschel Emulsifier 6 places, ASTM D 1401

- Compact structure painted with anti-acid epoxy products
- Stainless steel bath insulated and equipped with a wide double windows equipped with illuminating LED barriers
- 1 × drain tap

- Cover with 6 holes for the accommodation of up to 6 graduated cylinders
- Heating supplied by stainless steel heater
- PT100 made in stainless steel for bath temperature control
- Liquid level sensor with alarm
- Water pump for bath uniformity
- 6 × Herschel head equipped with stirring paddle, rpm sensor and up/down movement system
- Beeper for audible alarm at the end of analysis
- Integrated touch screen panel pc 6" with dedicated software:
 - 6 × independent timer management
 - Bath temperature management
 - Independent RPM setting
 - 2 × USB ports for connection to external hardware
- Power supply 220 Vac 50/60 Hz

Dimensions and Weight

- 78 × 50 × 94 cm
- 105 kg

Accessories

- T-AS19C: thermometer ASTM 19C
- T-AS21C: thermometer ASTM 21C

Spare Parts

- LAB-140-002: PT100 probe
- LAB-101-851: glass cylinder Pyrex®, 100 ml graduated
- LAB-101-852: Pyrex® jar, only for LT/HE-185000-A/M
- LAB-110-005: heater, only for LT/HE-185000-A/M
- LAB-110-006: heater, only for LT/HE-186000/M
- LAB-140-002: PT100 probe
- LAB-160-014: digital thermoregulator, only for LT/HE-185000-A/M
- LAB-150-015: static relay