



DH 5

Herschel Emulsifier

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The DH 5 Herschel emulsifier measures the ability of petroleum oils or synthetic fluids to separate from water.

DH 5 is suitable for new or in-service oils which are subject to water contamination.

Benefits at a Glance

- ▶ 8 test positions, 2 additional pre-tempering places
- ▶ Variable stirrer speed with digital display
- ▶ Automatic timer stop and acoustic alarm
- ▶ High level of safety



Convenient Operation

- ▶ Digital display of temperature, stirrer speed and stirring time
- ▶ Stirrer head can be rotated over each test vessel and is locked accurately in position
- ▶ A constant speed is guaranteed, even with changing viscosity
- ▶ The stirrer stops automatically after a selected time with an acoustic signal
- ▶ Easily removable stainless steel stirrer paddle

Customized User Flexibility

- ▶ Stirrer paddle made of copper (optional)
- ▶ Luminous background (optional)

Standard Methods

ASTM D1401, ISO 6614

Technical Specifications

Application range	Ambient to 85 °C
Speed control	Variable between 500 rpm and 1600 rpm
Time setting	1 s to 10,000 s
Test positions	1 to 8
Bath capacity	27 liters
Interface	RS232
Safety	<ul style="list-style-type: none"> ▶ Low-level protection ▶ Over-temperature switch ▶ Protection cover around the paddle ▶ Safety cut-off when lifting the stirrer ▶ Safety protection vessel
Power supply	<ul style="list-style-type: none"> ▶ 230 V, 50 Hz/60 Hz, 2000 W ▶ 115 V, 50 Hz/60 Hz
Dimensions	440 mm x 440 mm x 700 mm (W x D x H)
Weight	32 kg