

Demulsibility Characteristics by Herschel Stirring Method (semi-automatic)

ASTM D 1401, ISO 6614, DIN 51599 (obs.), FTM 791-0380 (obs.), IP 412, JIS K2207, JIS K2520

Product group(s): Oil

User group(s): Crude Oil, Engine Oil, Gas Oil, Gear Oil, Hydraulic Oil, Insulating Oil, Light Oil, Lube Oil, Lubricating Oil, Mineral Oil, Oil, Refrigerating Oil, Turbine Oil

Scope: This test method covers measurement of the ability of petroleum oils or synthetic fluids to separate from water.

Herschel Emulsifier

- 7 place full-view bath
- variable stirrer speed with digital display
- automatic timer stop and audible alarm



Herschel Stirring Test Equipment

More details are mentioned in the "Order Number" section

Main Unit

16-2100

Herschel Emulsifier, 7-place

ASTM D 1401 - IP 412 - ISO 6614 - JIS K2207 - JIS K2520
(FTM 791-380, DIN 51 599)

Consisting of:

full-view bath with 7 test places, a cover holding the thermostat, timer, Herschel-stirrer and test glass holders. Thermostat with digital setting, read-out, low-level and over-temperature protection.

The Herschel-stirrer has variable speed, digital display, an easily removable stirrer blade and the additional advantage of being easily moved to each test position instead of moving the samples. The timer stops the stirrer automatically after 5 minutes and gives an audible alarm.



Supplied with:

7 Glass cylinders

- 1 Stirrer blade of stainless steel
- 1 Thermometer (ASTM 19C, + 49 ... + 57 :1 °C)
- 1 Thermometer (ASTM 21C, + 79 ... + 87 :0.1 °C)

Power supply: 230 V, 50/60 Hz

Options & Accessories

<p>20-0030</p> 	<p>Luminous Background Large field lamp for convenient glare-free observation of the viscometers immersed in the thermostatic bath. Power supply: 220/250 V, 50/60 Hz, 22 W</p>
<p>16-0104</p>	<p>Protective Shield to cover stirrer</p>
<p>16-0114</p> 	<p>Leakage Protection Vessel Consisting of: Acrylic safety hood and rubber mat to protect against breakage and direct contact</p>
<p>21-0603</p>	<p>Thermometer ASTM 19C Range: +49 to +57 : 0.1 °C Length: 275 mm, Immersion: total, Ø 6.5 mm</p>
<p>21-0609</p>	<p>Thermometer ASTM 19C Range: +49 to +57 : 0.1 °C (officially certified)</p>
<p>21-0605</p>	<p>Thermometer ASTM 21C Range: +79 to +87 : 0.1 °C Length: 275 mm, Immersion: total, Ø 6.5 mm</p>
<p>21-0611</p>	<p>Thermometer ASTM 21C Range: +79 to +87 : 0.1 °C (officially certified)</p>
<p>Spare Parts</p>	
<p>16-0107</p>	<p>Test Cylinder, 100 ml made of borosilicate glass, 1 : 1 ml graduation</p>
<p>16-2109</p>	<p>Beaker, 15 liters, borosilicate glass</p>
<p>16-2117</p>	<p>Emulsifier Paddle "ISO/ASTM" shaft and paddle made of stainless steel and positioning groove</p>
<p>16-2118</p>	<p>Emulsifier Paddle "FTM" stainless steel shaft and paddle made of copper</p>
<p>25-0543</p>	<p>Heating Element for tempering bath, 230 V</p>

Order Guideline

Minimum equipment: 1 x 16-2100
 Spares (approx. 1 year): Thermometer, 16-0107, 16-2109
 Additional requirements: