

WATER-OIL SEPARABILITY (Demulsability) TESTING APPARATUS

- Meets The Requirements of ASTM D1401
- Full Visibility Bath with the Range of 40° to 95°C
- Digital Display Temperature Controller for $\pm 0.1^\circ\text{C}$ Stability
- Capacity for 7 Graduated Test Tubes
- Adjustable Timer for Automated Stirrer Stopping
- Digital Display Stirrer Tachometer

Model 305 meets full requirements of ASTM D1401 Test Method for Water Separability (and related methods). The glass jar heating bath enclosed in a protective cabinet has a range of 40° to 95°C and a stability of $\pm 0.1^\circ\text{C}$. The temperature is digitally displayed with a resolution of 0.1°C.

The bath is protected to prevent over heating in the event of primary controller failure and by a float that will stop the heating in the event of low bath liquid level. The bath cover reduces water loss and has the capacity for 7 test cylinders. The bath is backlit for easier reading of the emulsion separation line.

The adjustable speed stirrer operates at 1500 ± 15 rpm. The stirrer speed is displayed by a digital tachometer. The 7 position turn table rotates under the stirrer motor. The cylinder under test is locked firmly in place exactly centered on the stirrer shaft. The stainless stirrer paddle is 120 mm long, 19 mm wide, and 1.5 mm thick. The stirrer has an adjustable automated timer which stops the agitation and sounds an alarm.

The approximate overall dimensions are 15 x 16 x 30 inches high (38 x 41 x 77 cm). Approximate shipping weight is 135 lbs (61 kg).

Model 305 is available for 115, 208, or 220 volts at 50 or 60 Hz. Please specify power requirements when ordering.

Also for Methods:

ASTM	D1401
ISO	6614
FTM	791-3201
DIN	51 599
NF	T60-125



▲ Model 305