

Model : WS-D1401-L-7
Heated Liquid Bath for Determining Water Separability of Petroleum Oils and Synthetic Fluids.

Complies with the Requirements of ASTM D1401 and Related Methods

H-Emulsifier Series

Key Features:

- 7 Test positions
- Complies with the requirements of ASTM D1401 and related methods
- Windows Based color touch panel
- Well-lit side peripheral visibility bath allowing easy monitoring of emulsion separation status
- Operational temperature range of ambient to 95°C
- Bath stability better than +/- 0.5C



Features:

- Precision sample stirrer motor for 1500 +/- 1 rpm adjustable up-to 2500 rpm.
- This motor is unaffected by voltage fluctuations since power to motor is conditioned.
- Scratch proof high visibility shield affords protection and prevents temperature upsets
- Integrated micro-processor based controller and color touch panel

Intuitive "Windows Based color touch panel" screens display following:

- Bath temperature display in 0.1°C resolution.
- Temperature calibrations can be performed in the calibration screen
- Sample stirrer speed in rpm with 1 rpm resolution
- 7 on screen timers are provided for monitoring status of each sample.
- These times may be adjusted in setup screen.
- Stirring time remaining for the test.
- Audible alarm on the end of the test.
- 7 elapsed times for observance of separation.

Sample stirrer motor's horizontal position is fixed while vertical elevating motion is allowed. This allows repeatable concentric positioning with sample tubes, which is critical. Special turntable with lock pin mechanism enhances concentricity. Minimized length of motor shaft prevents run out.

The buffed and polished paddle is machined from a single piece of stainless stock and not welded. This eliminates contamination in crevices and thereby eliminates erroneous results

The unit is protected from low liquid level safety float switch. Also provided is a high temperature limit to prevent unit from achieving temperatures higher than desired.

The unit is provided with 7pcs of WS-1401-D disposable graduated test tubes.

