

AWD-25A Demulsibility Characteristic Tester for Lubricating Oils ASTM D2711

AWD-25A tester for demulsibility characteristics of lubricating oil is designed and manufactured according to GB/T 8022 and ASTM D2711. It is used to determine the demulsibility characteristics of lubricating oils as per the standard strictly.

AWD-25A is suitable to determine the ability of oil and water to separate from each other. It is intended for use in testing medium and high-viscosity lubricating oils.

AWD-25A is beautiful on shape, reasonable in structure, easy on operation and accurate on results.

Test principle is: a 405-mL sample of the oil and 45-mL of distilled water (for oils that do not contain extreme pressure additives) or a 360-mL sample of the oil and 90-mL of distilled water (for oils that contain extreme pressure additives) are stirred together for 5 min at 82°C in a special graduated separatory funnel. After a 5-h settling period following the stirring, percentage of water in the oil and the volumes of water and emulsion separating from the oil are measured and recorded.

Structure characteristics

- AWD-25A demulsibility characteristics tester is used the digital controller to control the bath temperature, it has the advantages of high accuracy, easy operation and durability.
- The sample stir set is used DSX-60 type of digital displayed motor to stir the sample, its revolutions are shown by numbers. It is small volume, stable speed, low noise and low power.
- The timer and the stir motor is on the same panel to be operated and controlled.
- Its sample agitator is used the lift set driven by the motor, which makes washing and drying in one operation.

Technical Parameters:

No.	Tech Indicator	Description
1	Power	AC220V±10% 50Hz (Can be changed to your country request)
2	Heating Power	1800W
3	Temperature Control Range	Room Temperature to 100°C
4	Temperature Accuracy	±0.1°C
5	Test Holes	3

