



**UNIVERSE**

## **ANILINE POINT TEST APPARATUS AZA1328A**

The AZA1328A Aniline Point Test Apparatus is a precision-engineered laboratory instrument designed for the accurate determination of the aniline point of petroleum products, including diesel fuels, lubricating oils, and fuel oils. The aniline point is a critical indicator of the aromatic hydrocarbon content, which directly affects fuel compatibility with rubber components and overall product performance.

Engineered for high accuracy, repeatability, and compliance with international standards, the AZA1328A is ideally suited for petroleum laboratories, refineries, academic institutions, and quality control facilities.

### **Working Principle**

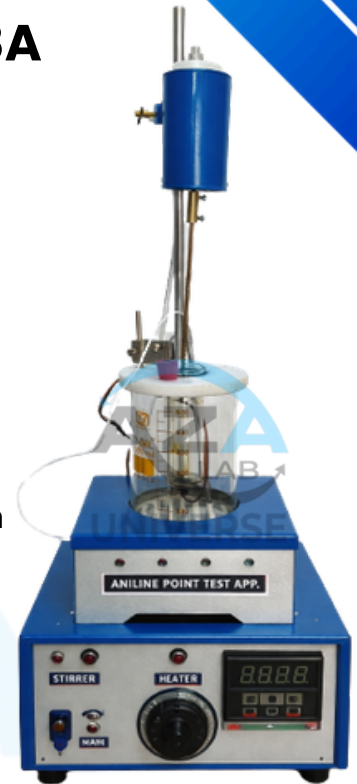
The apparatus determines the lowest temperature at which equal volumes of aniline and the test sample become completely miscible. The mixture is heated at a controlled rate, and the temperature at which a clear, homogeneous solution is formed is recorded as the aniline point.

### **Standard Compliance**

- Conforms to: ASTM D611
- Equivalent Standard: IP 2

### **Optional Accessories**

- Digital temperature controller
- Magnetic stirrer
- PT100 sensor with digital display





## UNIVERSE TECHNICAL SPECIFICATION

Parameter	Specification
Temperature Range	Ambient to 150°C
Temperature Resolution	0.1°C
Accuracy	±0.2°C
Heating System	Electric heating with regulator
Stirring Mechanism	Manual / Motorized (Optional)
Bath Medium	Silicone Oil / Glycerin
Power Supply	220–240V AC, 50 Hz
Display	Digital / Mercury Thermometer
Test Tube	Borosilicate Glass