

# Water Soluble Acid and Base Tester

This tester determines water-soluble acid and alkali content in liquid petroleum products, additives, lubricant greases, paraffin and waxes. It extracts the sample with distilled water or ethanol, then checks for color change using indicators or a pH meter.



## Product Overview

### Precision Chemical Analysis

The DSHD-259 Water-Soluble Acid & Base Tester is a professional-grade laboratory instrument designed for the accurate quantitative determination of water-soluble acids and bases. This comprehensive setup facilitates precise liquid-liquid extraction and titration, making it an essential tool for chemical analysis, rigorous quality control, and advanced research applications. Its integrated design ensures reliable performance in demanding laboratory environments.

## Technical Specifications

### Key Components

- Separating funnel for extraction
- Heating bath with temperature control
- Potentiometer for measurement
- Titration setup (flask and burette stand)
- Power control system

### Primary Applications

Chemical Analysis, Quality Control, Laboratory Research

## Operational Features

### Control Interface

Manual Power Control • Indicator Status Light • Temperature Regulation