

# Pour Point and Cloud Point Tester

This tester determines the pour point and cloud point of petroleum products. It complies with ASTM D97, ASTM D2500, IP15, and IP219 standards.



## Overview

### Precision Petroleum Testing

The GD-510D Pour and Cloud Point Tester is a high-precision laboratory instrument designed for the accurate determination of pour and cloud points in petroleum products. Engineered to comply with international standards including ASTM D97, ASTM D2500, IP15, and IP219, it offers reliable performance for quality control and research applications. The unit features a compact, desktop design with an advanced refrigeration system that eliminates the need for external cooling liquids.

## Standards & Compliance

### Supported Standards

GB/T3535, GB/T6986, ASTM D97, ASTM D2500, IP15, IP219

## Technical Specifications

### Power Supply

AC 220V±10%, 50 Hz

### Total Power Consumption

1500 W

## Performance Metrics

### Cooling Performance

**-51 °C**

Cold Trough I Range

**-70 °C**

Cold Trough II Range

**1 °C**

Temperature Accuracy

## Operating Environment

### Recommended Environment

Parameter	Limit
Ambient Temperature	d30°C
Relative Humidity	d85%

## Design & Construction

### Design Features

- Stainless steel workbench
- Desktop compact structure
- Two-trough configuration
- No external cooling liquid required
- Advanced refrigeration compressor