

Automatic Ash Content Tester

This instrument tests the ash content in petroleum products. It conforms to GB/T 508 and ASTM D482 standards.



Overview

Automated Ash Content Analysis

The FDR-2171 is a sophisticated laboratory instrument designed for the precise determination of ash content in accordance with international standards. It features a fully automated testing cycle including heating, weighing, and result detection, significantly reducing manual intervention. Equipped with an intelligent temperature control system and a high-precision balance, it ensures consistent and reliable data for quality control and research applications.

Key Features

Automation & Operation

- One-key operation for automatic heating, weighing, and blowing
- Automatic circulating sampling system for unlimited sample injection
- Self-developed timing system for scheduled start and end testing
- Power-off memory and circuit hardware/software protection
- Optional PC interface for LIMS system integration

Technical Performance

Temperature Range

900

Max Temperature

0.1

Resolution

Weighing Precision

1/10000

Compliance & Standards

Certifications

CE • ICC • ISO

Applicable Standards

GB/T 508, ASTM D482

Hardware Specifications

System Specifications

Parameter	Specification
Working Power	220V 50HZ
Temperature Control	FDH Liquid Crystal System
Weighing System	FLD Special Automatic System
Safety Features	Intelligent Over-temperature Protection
Display Interface	7-inch LCD touch screen with English/Chinese language support
Sample Handling	Constant temperature sample weighing and injection device for dryer