

Automatic Oil-Water Separator for Laboratory Use

This automatic oil-water separator is designed for laboratory use. It assesses oil and water separation characteristics and fuel filter cleanliness, displaying key technical parameters such as test flow, system pressure, and medium temperature.



Overview

Laboratory-Grade Oil-Water Separation

This automatic oil-water separator is a precision laboratory instrument engineered for the efficient separation of oil and water mixtures. Designed for rigorous testing environments, it automates key performance parameter acquisition and utilizes frequency converter flow regulation for consistent results. The system is built with high-durability materials, including a stainless steel panel and seamless stainless steel piping, ensuring reliability for quality control and third-party testing applications.

Technical Features

Safety & Protection Systems

- Hydraulic protection
- Electrical leakage protection
- Overload protection
- Emergency stop functionality

Construction Materials

Aluminum alloy shell, Stainless steel panel, Seamless stainless steel tubing

Compliance & Standards

Supported Testing Standards

- ISO/TS 16332-2006 (Diesel engines - Fuel filters)
- ISO 4020-2001 (Road vehicles; Fuel filters for diesel engines)
- SAE J 905-1999 (Fuel filter test methods)

Applications

Primary Test Capabilities

Oil and water separation performance • Fuel filter cleanliness test • Performance data comparison • Product quality control • Third-party testing