Karl Fischer Titrator for Moisture Analysis

This Karl Fischer titrator determines trace moisture in petroleum products. It is designed according to national standards for determining water using the Karl Fischer reagent method.

Overview

Precision Moisture Analysis

The Karl Fischer titrator is a high-precision analytical instrument designed for the accurate determination of moisture content across a diverse range of substances. Utilizing the established Karl Fischer reaction, it ensures reliable results by measuring iodine consumption in the presence of water, sulfur dioxide, and a base. This system is an essential tool for quality control and research applications in industries such as pharmaceuticals, chemicals, petroleum, and food production.

Technical Specifications

System Components

- Reaction vessel
- Electrode system
- Control unit
- Titration stand
- Reagent reservoir
- Digital control panel

Measurement Principle	Karl Fischer Titration

Applications

Suitable Industries	Pharmaceuticals, Chemicals, Petroleum, Food Industry

Performance

Key Performance Indicators

1 Electrode
Endpoint Detection