

Portable Ion Chromatograph for Field Analysis

This portable ion chromatograph enables rapid analysis of bomb constituents in explosive environments. It can also be deployed for in-situ water analysis or borehole logging to assess potential well yields.



ADDITIONAL IMAGES



Overview

Field-Ready Analytical Power

This portable ion chromatograph is engineered for high-performance analysis in demanding field environments, from oil exploration sites to emergency response scenarios. It integrates a complete laboratory-grade separation system into a rugged, mobile unit, allowing for real-time detection of anions and cations. With a built-in tablet interface and long-lasting battery life, it provides a seamless, all-in-one solution for on-site water quality assessment and chemical identification.

Performance & Power

Continuous Operation Time

8 hours

Continuous Work

Display

10.4 inch / 1024 x 1024 color LCD with touch operation

System Configuration

Included Components

- Embedded PEEK material single plunger infusion pump
- Pressure buffer with sensor
- Built-in bipolar conductance cell anion suppressor
- Anion chromatographic column
- Instrument Maintenance Kit
- 220V Li-ion rechargeable battery and charger

Control & Data Management

Wireless Communication, Tablet Control, Manual Sample-filling, EASY2015BT Work Station

Technical Details

Warranty Coverage

Lifetime Warranty on Detection Unit

Detection Technology

One-piece & zero-dead-volume conductance inhibition detection unit

Operating Temperature

18 °C (Minimum)