

High Flow Fuel Dispenser with Measurement

This ultra heavy-duty fuel dispenser is capable of dispensing fuel at a rate of 200, 300, or 500 liters per minute. It features weight, volume, and density measurement capabilities.



Overview

High-Capacity Fuel Dispensing Solution

This high-flow fuel dispenser is engineered specifically for refueling trains and large ships. It features a high-precision flow meter with $\pm 0.25\%$ accuracy and a robust double-stage filtration system to ensure fuel cleanliness and equipment longevity. The unit is powered by an advanced ARM electronic system that provides real-time monitoring of density, mass, and volume.

Performance Metrics

Flow Meter Accuracy

0.25 %

Accuracy

Compatible Fuel Types

Diesel

System Features

Basic Configuration

- Main board
- Power board
- Display board
- Keypad
- Control board
- Flow meter
- Electrical drive valve
- Electromagnetic counter
- Filter
- Nozzle
- Hose

Optional Configurations

- Pump
- Motor
- Card reader payment
- Heater for ultra low temperature
- FMS connectivity
- POS and automation interface

Technical Details

Electronics System

ARM System • Card Authorization • Density Monitoring • Mass/Volume Display

Valve Technology

Electrically driven valve designed for steady operation in dirty liquid environments