

500 LPM Fuel Dispenser

This ultra heavy-duty fuel dispenser has a flow rate of 500 LPM. It is equipped with a digital display and integrated control panel for easy operation.



Product Overview

High-Capacity Industrial Fuel Dispenser

This 500 LPM fuel dispenser is engineered for high-volume refueling operations, specifically optimized for trains and large marine vessels. It features an advanced ARM-based electronic system that provides accurate readings for density, weight, and volume. Designed for durability in demanding environments, the unit incorporates a double-stage filtration system and an electrically driven valve capable of handling fuel impurities.

Performance Metrics

Flow Rate

500 L/min

Flow Rate

0.25 %

Accuracy

Technical Specifications

Operating Environment

- Ambient Temperature: -35°C to +55°C
- Relative Humidity: 20% - 95%
- Noise Level: < 70dB

Power Requirements

220V (-10% to +15%), 50/60Hz

Suction Pump Performance

54 Kpa

Communication Ports

RS 485, Current Loop

System Configuration

Optional Features

Pump • Motor • Card Reader • Low-Temp Heater • FMS Integration • POS/Automation Interface

Standard Components

Main Board, Power Board, Display Board, Keypad, Control Board, Flow Meter, Electrical Valve, Electromagnetic Counter, Filter, Nozzle, Hose

Model Range

Available Models

Model	Flow Meter Type	Package Size (mm)
SK56HY111A	Blade Flow Meter	1490*1018*605
SK56HY111A (Alt)	Mass Flow Meter	1510*1330*605