

Hydraulic Flow Meter with Pressure and Temperature Sensor

This digital flow meter measures hydraulic oil flow, pressure, and temperature at the same time. It is designed for hydraulic systems and displays flow rate, pressure, temperature, and power.



ADDITIONAL IMAGES



Overview

Precision Hydraulic Testing

This digital hydraulic flow meter provides simultaneous measurement of flow, pressure, and temperature, making it an essential tool for rapid diagnostics. Designed for versatility, the unit supports bi-directional flow testing and is suitable for evaluating pumps, motors, valves, and cylinders. Its compact, portable design and battery-operated power source ensure ease of use in field conditions, while the integrated bypass system protects against overpressure.

Performance Metrics

Measurement Capabilities

800 LPM
Max Flow Rate

420 BAR
Max Pressure

Key Testing Features

Bi-Directional Flow, Pressure Monitoring, Temperature Monitoring, Overpressure Protection

Model Specifications

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Model	Max Flow	Thread Size	Weight	Dimensions
XZFK-404	400 LPM	BSP 1"/G 1"	6 Kg	250*200*200 mm
XZFK-408	800 LPM	BSP 1-1/4"/G 1-1/4"	9.5 Kg	250*230*200 mm

Operational Details

Usage Recommendations

- Use hydraulic hoses to connect inlet and outlet to buffer vibrations
- Avoid using elbows at the inlet and outlet for smooth oil flow
- Ensure loading valve is fully open before starting test

Power Source	9V Battery
Automatic Power Off	Yes