

Industrial Gas Handling System

This gas equipment is designed for efficient gas handling and processing. It features a high-capacity blower, cylindrical vessel, and control panel for precise operation in industrial applications.



System Overview

High-Efficiency Gas Calibration System

This automatic gas meter calibration system is engineered for high-precision testing and validation of diaphragm, rotary, turbine, and ultrasonic gas meters. By utilizing advanced rotary master meters and automated data acquisition, the system delivers consistent, repeatable results while significantly shortening proving cycles. It is an ideal solution for gas production facilities, supply companies, and quality control laboratories.

Technical Specifications

Flow Range	650 m3/h
System Uncertainty	0.6 %
Flow Repeatability	0.15 %
Quantity of Test Meters	1

Operating Environment

Working Medium	Air
Temperature Range	0 - 60°C
Max Humidity	d95%
Atmospheric Pressure	860 - 1060 mbar
Compressed Air Pressure	0.4 - 0.8 MPa

Power & Connectivity

Power Supply Options

- Single-Phase, AC 220V 60HZ, 500W
- Three-Phase, AC 380V 60HZ, 7.5KW

Communication Interface	RS232 Serial
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System Features

Advanced Capabilities

Automated Bar Code Scanning • Dynamic Photoelectric Sensing • Automated Data Logging • High-Precision A/D Conversion • Continuous Air Flow