Medium-Flow Orifice Flowmeter

YQ-5402

Overview

The YQ-5402 medium-flow orifice flowmeter is a calibration device for particulate, dust and air samplers used in environmental monitoring. The brochure describes an embedded microprocessor, imported sensors and a compact, lightweight portable design with on-screen gas-path connections and operating instructions.



Technical specifications

Parameter	Range / value	Resolution	Accuracy / error
Medium flow	(60-160)L/min	0.1 L/min	±1%F.S.
Atmospheric pressure	(50-130)kPa	0.01kPa	±0.5kPa
Dimensions	(170*80*45)mm		
Weight	1kg		

Technical features

• Compact, with built-in lithium battery, AC/DC operation and portable use.
• Orifice-plate flow measurement with an imported high-precision low-pressure sensor; CPU-controlled processing gives direct flow readings and automatic standard-condition conversion.
• STN dot-matrix LCD with Chinese-language menus.

Standard accessories

• Main unit
• Aluminum case
• Charger

Optional accessories

• High-flow orifice assembly

Source and review notes

• The original medium-flow range contains an extra opening parenthesis; the duplicate has been removed without changing the numbers.
• The brochure page does not list standards; performance has not been independently verified.
• English translation has not received native-speaker technical review.