

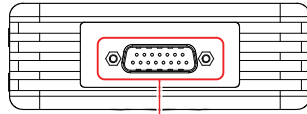
IS-Max Mass Flow Meter

Quick Start Guide

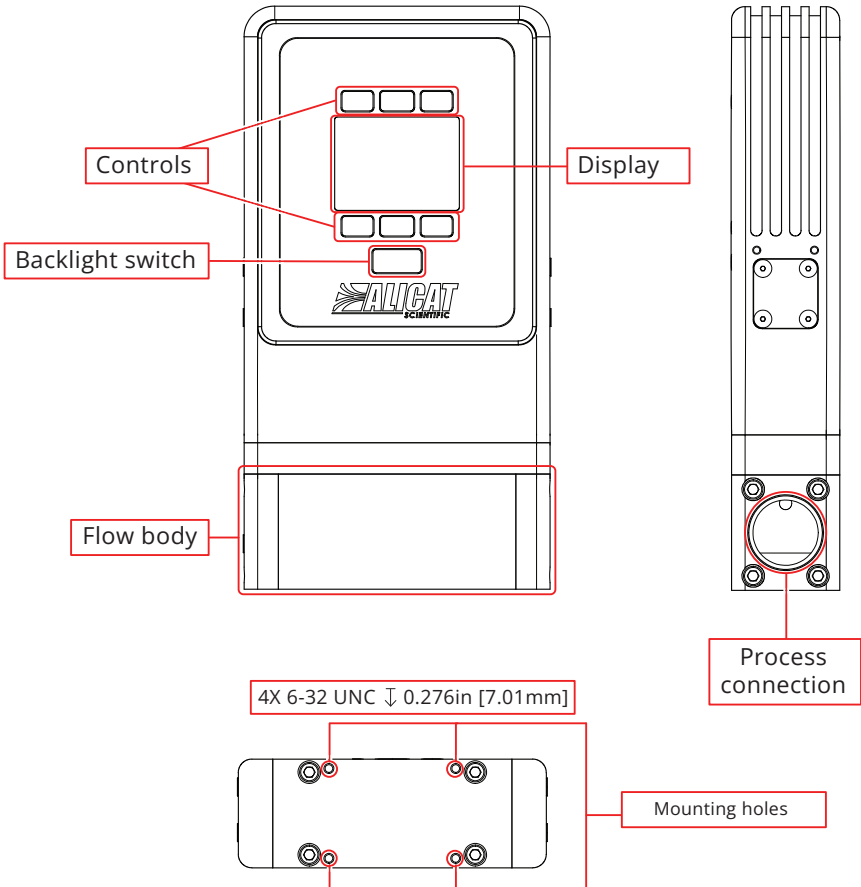
Models ISM, ISMS, ISMW, ISMQ



A **Halma** company



Input and output port



Operation Manual:
software, communica-
tions and operation

Download the manuals: alicat.com/manuals

Annual Calibration • Troubleshooting • Questions:
+1 520-290-6060 • info@alicat.com • Live web chat at alicat.com



Safe Installation
Manual: Wiring and
power information

This box includes:

- Alicat device
- NIST traceable calibration certificate
- Optional accessories (cables, power adapters, filters)

Get Started

1

Inspect

Inspect for shipping damage. Contact Alicat if damage is found.

2

Download

Download the manuals with the links below. Wiring and power instructions are in the *Safe Installation Manual*.

3

Settings

Configure the software of the device in an ordinary location. Features and interface instructions are in the *Operation Manual*.

4

Packaging

Remove the waterproof cover from the electronic interface and power connector, found on top. Save the cover and the box for transport.

Setup

5



Power

Connect your cable. Supply 12v/65mA to the main power/ground pins. If not factory pre-set, then set port settings, units, gas species, and other settings needed. Check the *Operation Manual* for a full description of features.

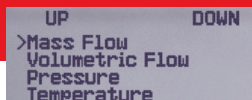
6



Tare

Before installing the device into your process, press the **TARE FLOW** button on the main screen. This will zero out (tare) your unit.

7



Gas and Units

Select your gas: Use **MENU → SETUP → ACTIVE GAS**. Ensure the proper units are selected: Press **MENU → SETUP → SENSOR → ENGINEERING UNITS**.

Connecting

8



Flow path

Ensure the flow path is the same direction as the flow arrow shown on your unit.

9

Model Series	Maximum line pressure	Maximum differential pressure
ISM, ISMS	160 PSIA	75 PSID
ISMW	80 PSIA	15 PSID
ISMQ	400 PSIA	75 PSID

Pressure

Verify the requirements for pressure above, and connect the device to your process.

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Safe Installation Manual: Wiring and power information



Operation Manual: software, communications and operation