



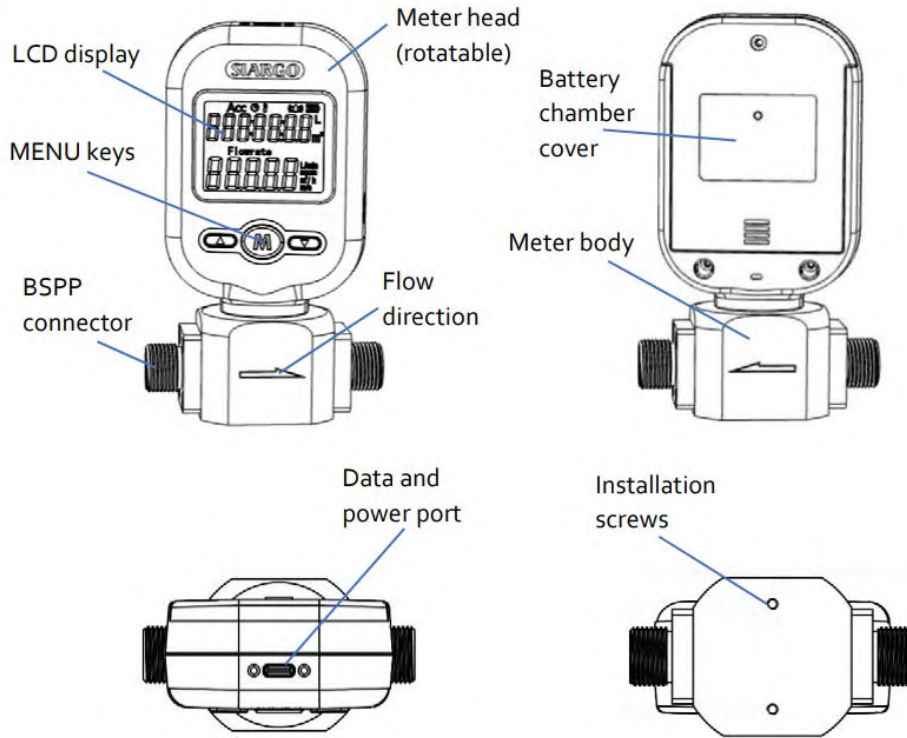
### Features:

- Digital display, easy to read.
- Battery-powered, low power consumption.
- High sensitivity and good repeatability, accurate to trace the flow rate.

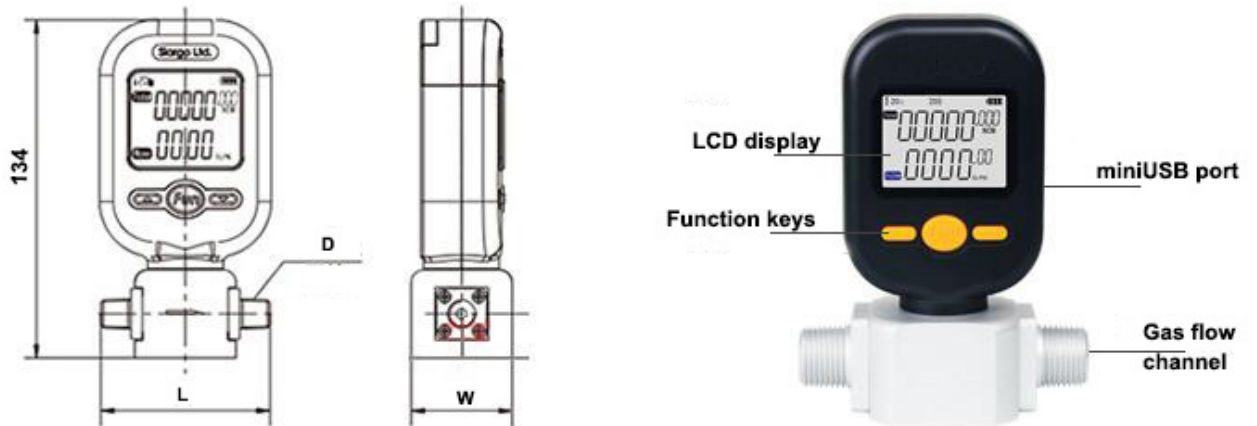
### Specification:

<b>Model</b>	ATO-MF5706	ATO-MF5708	ATO-MF5712
<b>Flow Range</b>	0~20 L/min	0~100 L/min	0~250 L/min
<b>Power Supply</b>	4 AA batteries (LR6) or 5-24V DC		
<b>Power Adapter</b>	Input: 100-240V AC, 50/60 Hz, Output: 7V DC, 0.2A		
<b>Power Consumption</b>	≤10 mW		
<b>Signal Output</b>	RS 485 (Optional)		
<b>Display</b>	LCD		
<b>Display Unit</b>	Instantaneous flow rate: L/min, Flow accumulation: m <sup>3</sup>		
<b>Instantaneous Flow Resolution</b>	0.01 L/min		
<b>Flow Accumulation Resolution</b>	0.001 m <sup>3</sup>		
<b>Working Pressure</b>	≤0.8 MPa		
<b>Pressure Loss</b>	≤600 Pa	≤1000 Pa	≤2000 Pa
<b>Working Temperature</b>	-10 °C ~ +55 °C		
<b>Keyboard</b>	3 keys		
<b>User Interface</b>	Mini USB port (This interface is connected to the power adapter for power supply, power cable is 0.5m, and it can also be used as a connection interface for 485 communication.)		
<b>Calibration</b>	Air @20 °C, 101.325 kPa		
<b>DN</b>	6 mm	8 mm	12 mm
<b>Mechanical Connection</b>	NPT 1/4"	NPT 3/8"	NPT 1/2"
<b>Weight</b>	185g (Copper body)	270g (Aluminium alloy body)	350g (Aluminium alloy body)
<b>Protection Class</b>	IP40		
<b>Gas</b>	Air, N <sub>2</sub> , O <sub>2</sub> , Ar, CO <sub>2</sub> , other gases		

### Structure:

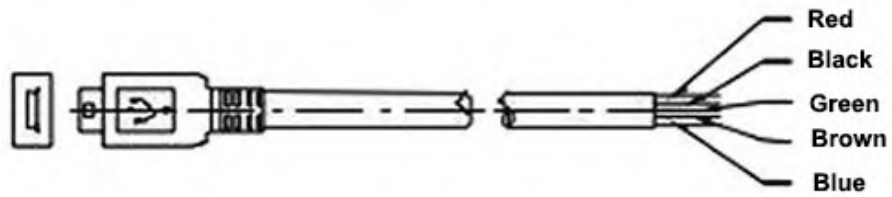


### Dimension (Unit: mm)



Model	L	W	D
ATO-MF5706	67	40	NPT 1/4
ATO-MF5712	98	50	NPT 1/2

**Accessories:**



Pin	Name	Definition
Red	VCC	Input power (+)
Green	RS485A	RS485 A
Brown	RS485B	RS485 B
Blue	N.C	Not connected
Black	GND	Input power (-)

**Cautions:**

- a. Don't alter any parts of the product.
- b. Make sure no mechanical stresses in the connections.
- c. The strong electromagnetic interference sources close by or any mechanical shocks at the pipeline may also create malfunctioning of the product.
- d. Slowly open / close valves to prevent abrupt pulse flow impact.