

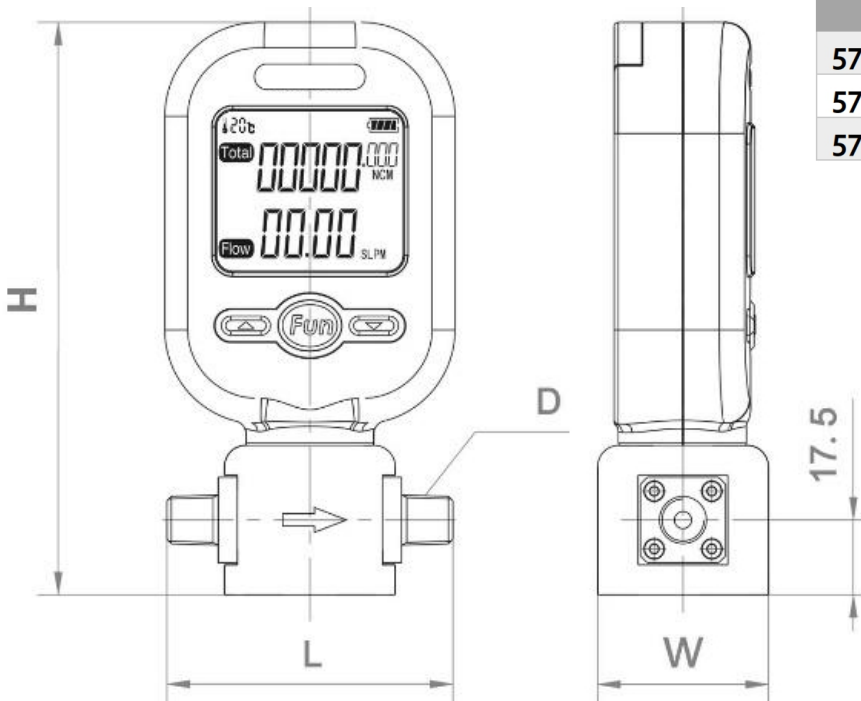
Mass Flow Meter CTZ-MF-57XX



CA-tech Zone mass flow meters are designed for general purpose flow metering and control applications enabled by IoT or wireless data while having the mobile power option. Sensing technology and smart electronic circuitry, products offer unprecedented cost-effectiveness with performance. The sensors directly measure mass flow with a very low-pressure loss, opt with various wireless transmissions, and control ON/OFF valve. The current models can be readily applied to many process applications.

CTZ-MF-57XX series has three types according to measuring range, can measure a flow up to 200 SLPM.

Dimensions



	L	W	H	D
5706	61	34	127	1/2"
5710	81	45	134	3/8"
5712	90	45	141	1/2"

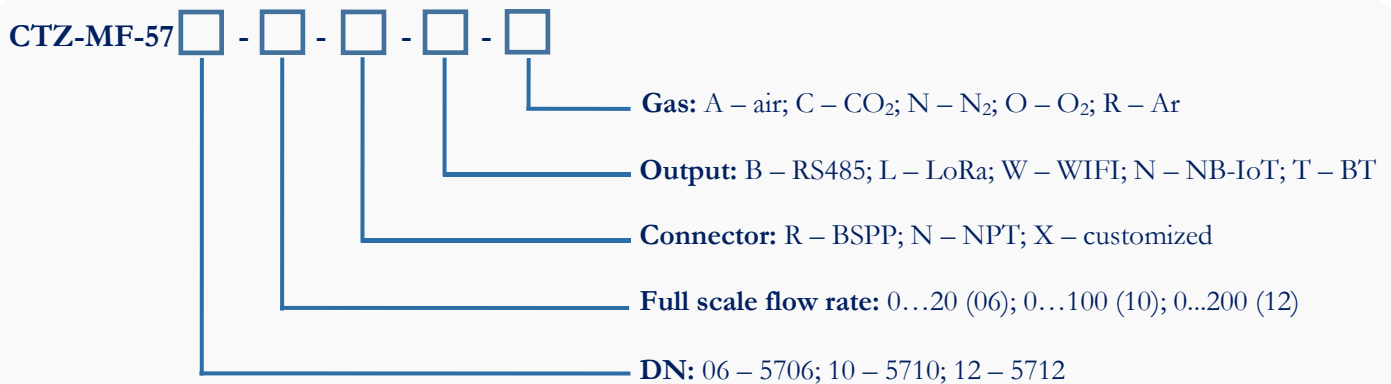
Mass Flow Meter CTZ-MF-57XX

Specification

Product Name	Mass Flow Meter		
Part Number	CTZ-MF-5706	CTZ-MF-5710	CTZ-MF-5712
Flow range (standard L/min)	0~20	0~100	0~200
Accuracy (%)	±(2.0+0.5FS)		
Repeatability (%)	0.5		
Response time (sec)	< 2.0 on battery		
Power supply	4-AA (LR) / 6~15 Vdc with AC adapter		
Output	RS485 Modbus		
Wireless	LoRa / WIFI / NB-IoT / BT LE		
Max. Pressure (MPa)	0.8		
Temperature (°C)	-10 ~ 55		
Humidity (%RH)	<95 (no condensation)		
Mechanical connection	BSPP		
Data interface	USB Type-C		
User program	Front face, 3 keys, or via Modbus		
Calibration	Air @ 20°C, 101.325 kPa		
Protection	IP50		
Storage temperature (°C)	-20 ~ 70		
Fluid compatibility	Non-corrosive		
CE	EN61326-1; -2; -3		

Note: Parameters specified at the calibration conditions.

Product Selection



- Note:**
1. For CO₂ and N₂O, the full-scale flow rate is 80% of air.
 2. Only one of the wireless options can be selected for each model.