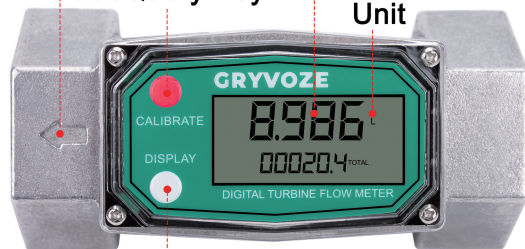


Liquid Flow Direction Sign Single Cumulative Flow

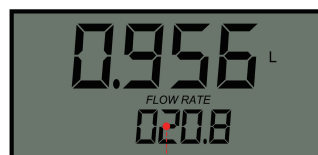
Set/Query Key

Unit



Clear Key

TWO FORMS OF USE



Instantaneous Flow



Total Cumulative Flow

CALIBRATE key simply called "C" key
DISPLAY key simply called "D" key

ON-SITE CALIBRATION

After installing the turbine flowmeter at the designated location, calibrate the flowmeter under actual working conditions to improve its measurement accuracy and precision.

On-site calibration requires adjusting the coefficient of the flowmeter. Pressing the C and D keys simultaneously allows you to view the coefficient of the flowmeter. Hold down the C key for 5 seconds to enter the coefficient setting mode (the coefficient will blink). Use the D key to adjust the coefficient and the C key to switch coefficients. After adjustment, wait for 10 seconds for the mode to automatically exit.

THE CALIBRATION FORMULA FOR THE FLOWMETER

Calibrated Coefficient = Actual Flow Rate / Displayed Flow Rate * Coefficient Before Calibration.

For example, if the flowmeter displays 98L when testing 100L of liquid, and the coefficient is displayed as 1000, the coefficient should be adjusted to: $100L / 98L * 1000 \approx 1020$.

INITIAL COEFFICIENTS

The initial coefficients for the 1" flowmeter, 2.5" flowmeter, and 3" flowmeter are all 1000; the initial coefficient for the 1.5" flowmeter is 1850; the initial coefficient for the 2" flowmeter is 4900.

OTHER SETTINGS ADJUSTMENTS

Reset Single Time Metering

Press the D key once.

Check Total Accumulated

Under the "Initial Interface Display," press the C key once to enter the total accumulated display (TOTAL). To return to the "Initial Interface Display," press the C key again.

Reset Total Accumulated

Press and hold the D key for 5 seconds to clear the total accumulated value.

Metering Unit Setting

Simultaneously press and hold the C and D keys for more than 5 seconds to enter the metering unit setting. The default metering unit at the factory is ITR (liters), and you can switch between GAL (gallons), QTS (quarts), PTS (pints), L (liters), and m³. Press the C key for 3 seconds to save and exit the metering unit setting.

ANSWERS TO COMMON QUESTIONS

No change in flow rate	Increase the flow of the medium.
	Remove the turbine component and check for any foreign objects blocking it.
	If the sensor is damaged, replace the chip.
Low flow rate	Increase the flow of the medium.
	Replace with a flow meter of a smaller range.
Screen not displaying text	Check if the battery is detached or out of power.
	If the chip is damaged, replace it.