

The operating instruction of turbine flow meter

The operating instruction of turbine flow meter. This product uses electronic display system, according to the principle of turbine metering, with complete energy, easy operation and other characteristics. It can be widely used in petroleum, chemical, pharmaceutical, transportation, food, trade and other industries.

A. Technical parameters

Medium	Diesel oil, urea, kerosene, chemicals, gasoline
Import and export	1" 1.5" 2"
Measurement accuracy	±1%
Repeatability	±0.5%
Maximum working pressure	20BAR
Working voltage	2.3-3.3V
Standby time	2year
Flow range	10-90L/min, 25-150L/min, 25-200L/min
Single count	0.00-9999.9
Total accumulation	0-999999
Class accumulation	0-999999
Unit of measurement	L, GAL, PTS, QTS
Single measurement clearing	DISPLAY

C. Key notes

CALIBRATE keys: flow rate and shift display switch, measurement calibration, setting coefficients, units;
DISPLAY key: clear single count, class cumulative count total cumulative count

D. Operation instructions

a) Clear single count

In the absence of pulse input, press the "DISPLAY" key, then LCD full screen display (as shown below), release the "DISPLAY" key and return to the standby interface, and this single count has been cleared.



b) Class Accumulation Clearance

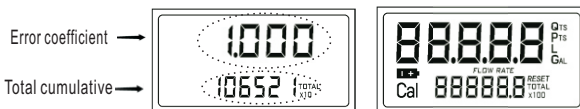
Without pulse input, long press the "DISPLAY" key (greater than 3 seconds) to display the workload (as shown below) and short press the "DISPLAY" key. At this time, the cumulative value of the workload flickers, and then short press the "DISPLAY" key again. LCD full screen display returns to standby display after 1 second, and the cumulative number of workloads has been cleared.



c) View the total cumulative sum error coefficient and clear the total accumulation

Check the total accumulation: when there is no pulse input, press the "DISPLAY" key at the same time and "CALIBRATE" key to display the cumulative sum error coefficient (as shown in the figure below) second, and return to the standby display.

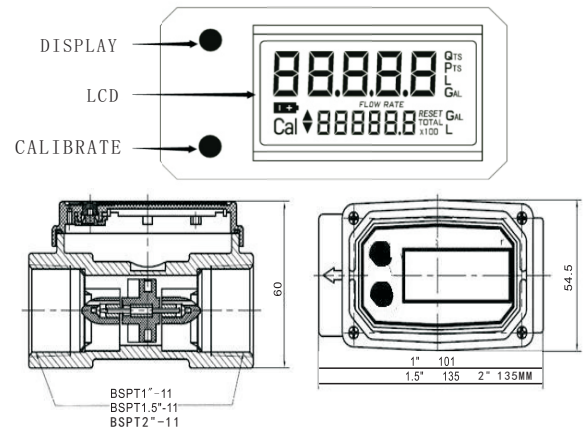
Clear the total accumulation: unscrew the four screws on the plastic transparent cover to take out the battery, press and hold the "display" key and "CALIBRATE" key at the same time, and then replace the battery.



E. Maintenance

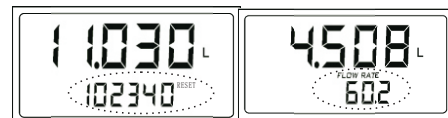
When the battery voltage is too low, a battery sign appears on the LCD display screen to remind users of the need to replace the battery. Short battery life can cause damage to the flowmeter due to leakage of battery during operation. But it is recommended that customers change batteries once a year. It is recommended that customers check the battery electrodes once a year, and remove the corrosion in time. Batteries should be removed if no flow timing is used for a long time.

B. External description



d) Display switching between flow rate and shift load

When counting or standby status, press the "CALIBRATE" key to switch the display of flow rate and total cumulative (as shown below)



e) Parameters settings

Without impulse input, long press "CALIBRATE" key more than 3 seconds to switch to coefficient setting interface (as shown below). Bit flicker can be set, short press "DISPLAY" key to modify the flicker bit value, short press "CALIBRATE" key to switch flicker bit, long press "CALIBRATE" key after setting or wait 15 seconds to exit coefficient setting and save setting. Set value

parameters	display	real flow	
0.990		101L	slow
1.000	100L	100L	normal
1.01		99L	fast

the smaller the parameters are the more slower they are.

f) Unit settings

In the coefficient setting interface, press "CALIBRATE" to switch to unit flicker, then press "DISPLAY" to switch units (as shown below) press "CALIBRATE" or wait 15 seconds to exit the coefficient setting and save the setting.

