



Regd office : R.H. No 1-2/24, Goodwill Enclave, Kalyaninagar, PUNE – 411006.

Mobile: 09890787000 / 09595558199 / 09850074850

Email : sales@i2ctech.in / sales@flowmeter.in

Web: www.i2ctech.in

COMPARISION CHART OF I2C MAKE FLOWMETERS WITH OTHER MAKES

I2C FLOW METER	OTHER MAKE FLOWMETER
<ul style="list-style-type: none"> ❖ Piston is of light weight Engineering plastic Having a wide range of chemical compatibility. ❖ Provided with Electronic counter with add-on features like LPM, Batch, 4-20 ma / pulse output etc. for easy integration with your existing automation system ❖ Meter can be very easily calibrated on site with the help of Dip switch. ❖ Only one moving part in the entire system, making the system almost maintenance free. <u>It is entirely a gearless system</u> ❖ Lowest min flow rate of 200 cc per min can be achieved ❖ Meter can work and record flow in both the directions without any damage to counter. Maintaining same accuracy and repeatability. ❖ Meter readings are visible from 20 ft distance, even at night time. ❖ Minimum quantity readable on counter is .01 Ltrs. making the system more reliable at small quantities. ❖ The meter turn down ratio is 1: 20 thereby maintaining the accuracy even at low/ gravity flow. ❖ As the system has practically no moving parts the life of the entire system is greatly enhanced. We give <u>10 years warrantee</u> for meter piston. The only moving part in the flow meter. ❖ Meter can be easily serviced by unskilled personal in a short period of time. Reduced downtime cost ❖ Recommended spares are only 'o' ring seals. 	<ul style="list-style-type: none"> ❖ Rotor is of heavy Aluminium with a lesser range of chemical compatibility / Rotor + vanes / Gears + Bearings ❖ Provided with Mechanical counter, minus these features. ❖ Meter calibrated on site cumbersome and need special tools to set accuracy. ❖ Meter having Mechanical counter, Reciprocating vane blade assembly. Bearings and with many gears, hence more maintenance required. ❖ Lowest min flow rate of 200 cc per min cannot be achieved by most makes. ❖ Works in only one direction, if meter is run in opposite direction, the gear drive, spindle etc get damaged. ❖ Small digits needs additional light support in poor visibility area. ❖ Minimum quantity readable on counter is .1 Ltrs. Making the system <u>unreliable</u> at small Quantities. ❖ The meter turn down ratio is 1: 10 wherein maintaining the accuracy at low / gravity flow becomes difficult. ❖ With the ideal working conditions in field the average life of a PD meter is 5 years after which the maintenance cost becomes economically unviable. ❖ Meter needs skilled personal to attend break-downs and needs more time. Hence increased downtime cost ❖ Recommended spares are <u>gear wheels, counter spares, Vanes, Bearings and 'o' rings.</u>