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Smart Flow Meter



Overview

CE FLOW METERS ARE INSTRUMENTS USED FOR THE CONTINUOUS AND INTERMITTENT MEASUREMENT AND CONTROL OF THE PIPE LIQUID FLOW, WHICH ARE TYPICAL OF POSITIVE DISPLACEMENT METER, FEATURE LARGE FLOW RANGE, LOW PRESSURE LOSS, LARGE VISCOSITY RANGE, EASY INSTALLATION, HIGH ACCURACY AND CAN MEASURE HIGH TEMPERATURE, HIGH VISCOSITY LIQUIDS WITH EASY CALIBRATION.

CE FLOW METERS ARE FITTED WITH ON-SITE POINTER INDICATION AND ROLLER INTEGRATION DEVICE WHICH CAN INDICATE THE LIQUID FLOW AND INTERMITTENT FLOW PASSING THROUGH THE PIPELINE. FOR THE DIFFERENT LIQUIDS (ACID, ALKALI, SALT, ORGANIC SOLUTION ETC.), THE METERS CAN BE MADE OF DIFFERENT MATERIALS (CAST IRON, CAST STEEL, STAINLESS STEEL ETC.) . THE METERS ARE WIDELY USED FOR THE FLOW MEASUREMENT IN THE FIELD OF PETROLEUM, CHEMICAL, CHEMICAL FIBER, TRAFFIC, FOOD INDUSTRIES AND COMMERCE, MEDICAL AND SANITARY DEPARTMENTS.

Product Classification:

CE FLOW METERS, APPLIED WIDELY IN VARIOUS OIL OR OTHER MEDIUM WHICH IS NOT CORROSIVE TO CAST IRON MATERIAL ; CE FLOW METER, APPLIED IN THE LOW-CORROSIVE FLUIDS WITH HIGH PRESSURE. CE FLOW METER, THE ROTORS MATERIAL IS ALUMINUM. APPLIED IN THE SITUATION WHEN THE FLUIDS IS LOW VISCOSITY, LOW CORROSIVE (SUCH AS GASOLINE) CE STAINLESS STEEL FLOW METER, APPLIED TO STRONG CORROSIVE FLUIDS SUCH AS ACID, ALKALI, SALTY OR ORGANIC CHEMICALS. CE ALUMINUM FLOW METER, IT IS LIGHT TYPE FLOW METER USED TO MEASURE LOW-CORROSIVE FLUIDS (SUCH AS WATER).

Features

- 1) Fuel Rate Configurable
- 2) After Fuel Filling, Receipt Printout on a press of a button.
Receipt Format

Start Time:
Stop Time:
Fuel Quantity:
Fuel Rate:
Total Price:

- 3) Log of the Fuel Receipt Records in Pen Drive
- 4) Up to 500 Records can be Stored
- 5) Text Format of Log File
- 6) Printout can be taken from the Log file form any PC

TECHNICAL DETAILS

Model	CE-25	CE-40	CE-50
Inlet and Outlet	25mm / 1”	40mm / 1.5”	50mm / 2”
Flow range	20-120lpm	25-250lpm	30-300lpm
Accuracy	±0.5%	±0.5%	±0.5%
Repeatability	<0.03%	<0.03%	<0.03%
Max working pressure	3.4Mpa	1.8Mpa	1.8Mpa
Max viscosity	1000CPS	1000CPS	1000CPS