

FS Pitot's Tube Measurer

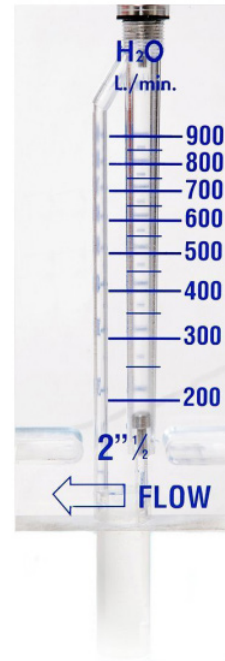
The measurer FS-2007 is a Pitot tube tool used for measuring the fluid speed and finds his operation on the definition of total pressure.

A Pitot tube is furnished in fact of two pressure intakes, one to the anterior extremity perpendicularly prepared to the tide (total intake) and one on the body of the tube tangentially prepared to the fluid (statics intake). In this case the Pitot tube is gotten in an unique piece of plexiglas. The measurement is effectuated putting the tube in the tide of the fluid, where a perpendicular hole will practise preventively to the pipeline.

The measurer is fixed with two metallic wrappers. A mediate plain gasket among the pipeline and the measurer avoid losses of pressure. The FS-2007 is an innovative instrument to have the great ranges in a small space. The facility of maintenance increases the possibilities of employment. In fact to be employed in filtration, purification, presurization and fireproof plants.

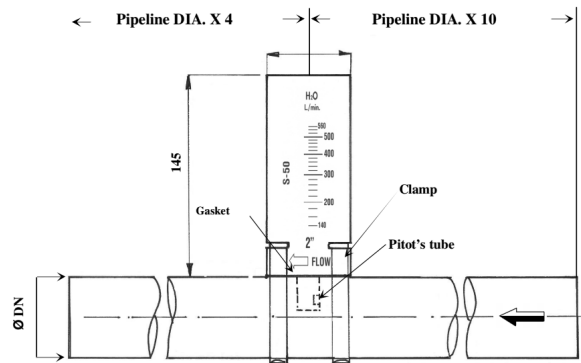
Features:

- Use: water
- Accuracy: +/- 10% FS
- Max working pressure: 10 bar
- Max working temperature: 70°C
- Body of the flow meter: PMMA
- Float: in AISI 316
- Delivery: as per the table and expressed only in Lt/min



Technical features

TYPE	RANGE MAX L/MIN	DN	DIAMETER
FS-40	330	40	1" 1/2
FS-50	560	50	2"
FS-65	900	65	2" 1/2"
FS-80	1200	80	3"
FS-100	2000	100	4"
FS-125	3000	125	5"
FS-150	4500	150	6"
FS-200	7200	200	8"



General

FS-2007 serie flowmeter should only be used on the size and type of pipe for which it was intended. Incoret use will result in in accurate readings and leakage problems.

Installation

Install the flowmeter with at least the minimum dimensions called for installation drawing. Carefully remove all burrs. Insert the pitot tube, with basket in place, into the drilled pipe. Tighten the clamps alternately, a little at a time. Make certain the flow direction is towards the pitot tube opening.

Cleaning

The flowmeter body and all other parts can be cleaned by washing in a mild soap and water solutions. A soft bristle brush will simplify cleaning inside the meter body. Note the floats up position for re-assembly.

We cannot guarantee our flowmeters will not be damaged either at or below the suggested limits simply because of many factors which influence meter integrity; stress resulting from meter misalignment, damage due to excessive vibration and/or deterioration caused by contact with certain chemicals as well as direct sunlight.

These situations and other tend to reduce the strength of the materials from which the meters are manufactured. Flowmeters are tested and calibrated only for water.