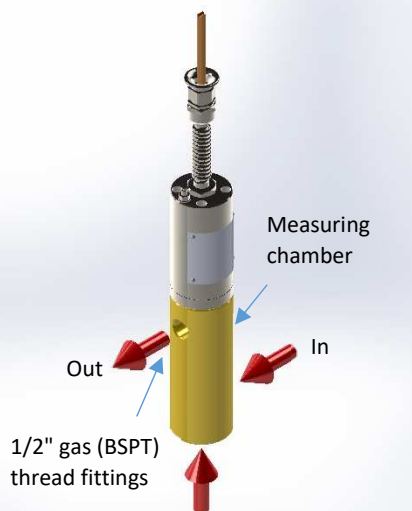


STANDARD FLOW CELL KIT

« measuring chamber »



Standard measuring chamber mounting (Inline or Online)



THE INLINE OR ONLINE SOLUTION FOR SMALL PIPE DIAMETERS

Sofraser's MIVI flow cell is a real **measuring chamber** providing a simple mounting alternative when no pipe angle mounting is possible. Depending on the fluid's flow rate and viscosity, Sofraser will recommend either the inline or the on line (on by-pass) installation.

Mounted with the flow damper, the MIVI allows perfect and continuous viscosity measurement of the process. Two inputs and one output are available for maximal process adaptability.

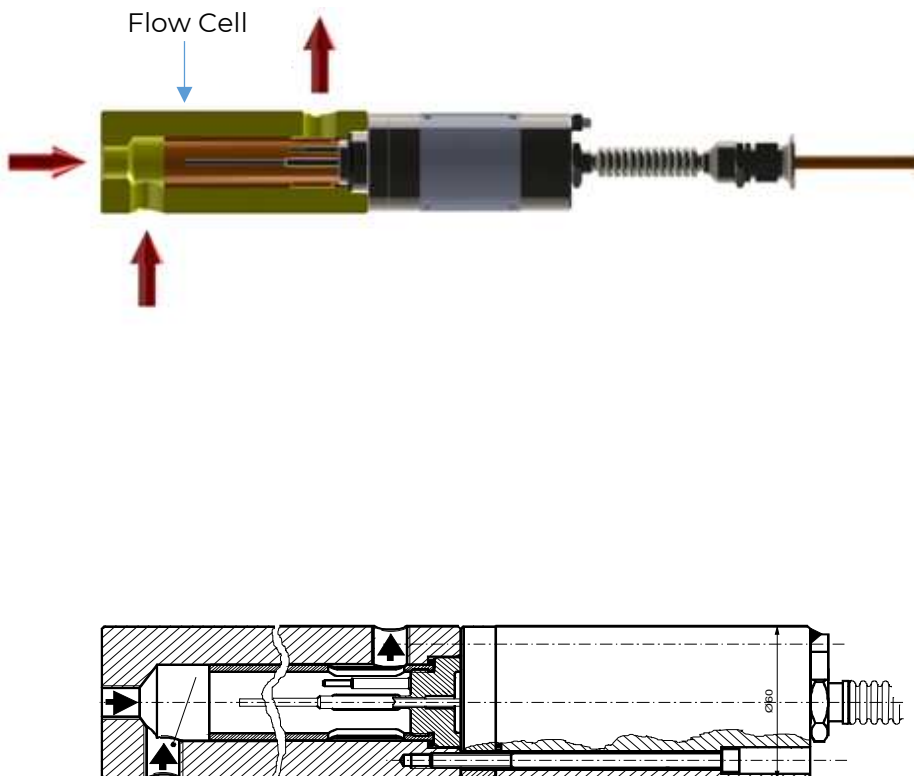
- **The 316L SS flow cell 1/2" gas (BSPT) thread fittings** includes:
 - 1 x 316L SS measuring chamber
 - 1 x Viton® O-Ring
 - 1 x cap (allows pre-mounting before sensor installation or when removing the sensor for calibration purposes)
 - 1 x ring, to be screwed if the Flow Damper tube is not installed
 - 4 x screws M6x20, to hold the cap
- **Thread fitting adaptors for other pipe fitting:** from 1/2" gas to other sizes or other thread type (e.g NPT)
- **Special alloy:** According to your specifications (316Ti, Hastelloy®, SMO, Uranus, etc.) for optimum process compliance
- **Temperature measurement:** possible external temperature mounting on special measuring chamber

Whatever your industry, we understand and develop solutions for many applications. For a personalized approach, contact us at instruments@sofraser.com

FLOW CELL

Flow Cell models and accessories:

3.AM003	316L SS Flow Cell For MIVI with VITON O-Ring, cap, ring, screws and 1/2" gas (BSPT) thread fittings
3.AM072	Thread fitting adaptors (e.g. 1/2" gas to 1/4" gas or 1/2" gas to 1/2" NPT)
3.AM071	Special flow cell with other fittings such as: <ul style="list-style-type: none"> - Special sizes: 3/4" (max), DN20, DN15, DN10, ... - Special threads types: BSPP, BSPT, NPT, ... - Special design: drilled fittings, flanged nozzle fittings, ...
3.AM066	Special Alloy (316 Ti, Hastelloy®, SMO, Uranus, ...) Special Design (For High Pressure MIVI sensors, with special outer diameter, with customized length, with an external temperature probe, ...)



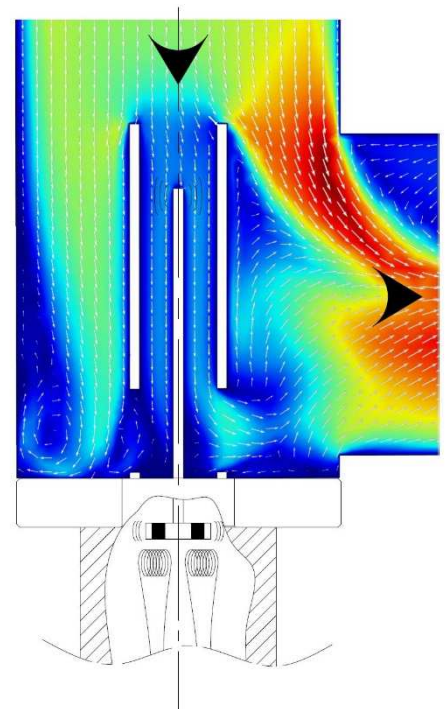
In 1981, Sofraser invented & patented the world's first vibrating viscometer at resonance frequency also called tuning-type.

The vibration amplitude varies according to the viscosity of the product in which the rod is immersed.

The active part of the sensor, a vibrating rod held in oscillation at resonance frequency, is driven by constant electrical power.

With its exclusive Flow Damper technology that acts like an embedded Flow cell, the measurements stays stable in any conditions.

Sofraser remains unsurpassed regarding process reliability and accuracy.



CE

