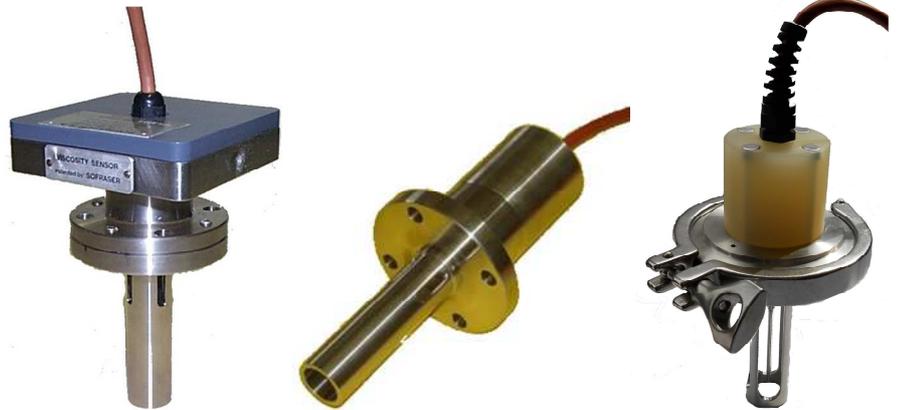


Designed for process machinery



What will be yours?

Typical application fields

- **Printing and coating:** paints, varnishes, lacquers
- **Packaging:** cardboards, glues, inks
- **Petroleum:** crude / gas / heavy fuel oils, marine, waxes
- **Mixing:** food processing, skin care
- **Chemical:** polymers, plastics, resins, gels

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

THE MOST RELIABLE PROCESS VISCOMETER FOR YOUR EQUIPMENT

Based on Sofraser's 30 years of technological experience and their latest patented innovations – particularly the vibrating rod at resonance frequency - the **Sofraser OEM viscometer** assures the improvement of your equipment's performance by allowing instant viscosity and temperature measurements in almost every production environments. It is the ideal instrument for measuring viscosity and achieving optimal production efficiency.

- **Increase customer profitability:** In addition to measuring the fluid's viscosity, the Sofraser OEM sensor optimizes the fluid's quality and improves productivity.
- **Unprecedented versatility:** The Sofraser OEM sensor is designed to address an extensive range of applications. The OEM sensor integrates physical and technical characteristics, matching industry requirements with excellent measurement repeatability.
- **Rugged, reliable and maintenance-free:** With thousands of units installed around the world, the Sofraser OEM sensor has proven its polyvalence and reliability while providing long-lasting customer satisfaction.
- **Easy-to-handle and install:** The Sofraser OEM sensor can be mounted in any position. The design can be customized to fit your equipment's requirements and your industry's standards. It brings innovation, added value, and cost reduction to your machinery. For simple data control, the OEM sensor is matched with a Sofraser electronic interface with standard outputs.



OEM Viscosity Measurement Solution

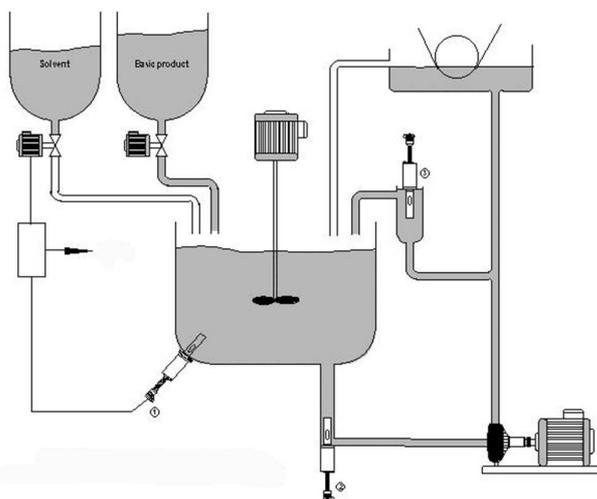
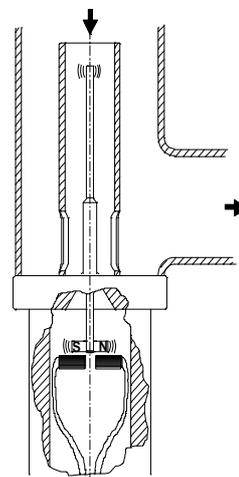
Features and specifications – adjusted on request

Measuring range	<ul style="list-style-type: none"> Full Scale Range from 100 cP up to 100 000 cP adjusted to your application / request
Repeatability	<ul style="list-style-type: none"> From +/- 0,1 % of Full Scale Range
Weight	<ul style="list-style-type: none"> < 3 kg (adjusted on request)
Working conditions	<ul style="list-style-type: none"> Up to 180°C max. (more on request) 40 bar (more on request)
Material	<ul style="list-style-type: none"> 316L stainless steel (other on request)
Process mounting	<ul style="list-style-type: none"> DIN, ANSI, ASME, Tri-clamp Other on request
Homologation options	<ul style="list-style-type: none"> ATEX FM, JIS, KGS 3A design
Body watertightness	<ul style="list-style-type: none"> IP67 (adjusted on request)
Regulatory	<ul style="list-style-type: none"> CE marked (European conformity)
Electronic interface	<ul style="list-style-type: none"> Viscosity and temperature outputs: 4-20 mA, RS232, RS485 Adaptable according to the needs

In 1981, Sofraser invented and patented the world's first vibrating-type viscometer at resonance frequency and remains unsurpassed regarding process reliability and accuracy.

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

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



Example of OEM viscosity monitoring for the printing industry

Quality System



SOFRASER

ZI, 15 rue Nobel

45700 Villemandeur - France

info@sofraser.com - www.sofraser.com

+33 (0) 238 85 77 12 - Fax +33 (0) 238 85 99 65