



Product

Bar probes STM

The best measure...

Interface detection

for continuous in line measurement of the interfacial layer level for the automatic liquid/liquid phase separation in decanters and separators.

Advantages at a glance

- No moving parts
- Instant response
- Cost saving installation and commissioning
- Factory calibrated
- Stainless steel/PTFE and / or full PTFE (FDA) versions. Also available in special materials
- Maintenance free
- ATEX certified



Principle of reliability

Interfacial layer measurement of 2 non-mixable liquids, as result of an extraction or as occurring after a chemical process, is today still often problematic. Heavy contaminations, small differences of densities or emulsion layers are often requiring process interruptions to perform a time consuming manual separation.

This belongs to the past if you are using the full electronic interface detection system of Aquasant measuring technique Ltd with its norm signal of the **high-resolution impedance measure**.

For continuous separators, interface bar probes are used. The interface layer level is measured without any mechanical moving parts and the analog 0/4 – 20 mA signal goes to the regulator or to the central process system.

Take advantage of our over 2 decades experience in this field and ask for detailed documentation.



SNCH 02 ATEX 3357 X CE 0036/0499





Continuous interface level

■ **Your requirements...**
a reliable surveillance and control of the processes assured by the maintenance free impedance measurement system

■ **Interface detection**
in separator of organic / aqueous phases even with heavy emulsions.

■ **Independent of**

- Density
- Viscosity
- Emulsions
- Aggressivity
- Temperature up to 170°C
- Pressure up to PN 40



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