

Product

Pipe probe TSS 80

The best measure...

Interface detection

in-line for the batch separation at decanter, separator or vessel exit .



Advantages at a glance

- Free flow through, no protruding element in the pipe line
- No moving parts
- Instant response
- Cost saving installation and commissioning
- Factory calibrated
- Full PTFE (FDA) for all parts in contact with product
- Maintenance free
- Sizes:
DN 32/40,50,80,100
ANSI 2",3"
- ATEX certified



SNCH 02 ATEX 3357 X CE 0036/0499

Principle of reliability

Interface 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 electronic interface detection system of Aquasant measuring technique Ltd with its norm signal of the **high-resolution impedance measure**.

With interface detection pipe probes of different diameters, it is possible to measure the interface directly at the reactor or separation vessel output line. The self-controlled measuring system and control unit do assure a secure and fully automatic separation.

The interface 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.

Automatic Batch separation

■ **Your requirements...**

a reliable surveillance and control of the processes assured by the maintenance free impedance measurement system

■ **Interface detection**

Automatic Batch separation of non miscible liquids, phases, emulsions.

■ **Independent of**

- Density
- Viscosity
- Aggressivity
- Temperature up to 170 °C
- Pressure up to 16 bar



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