

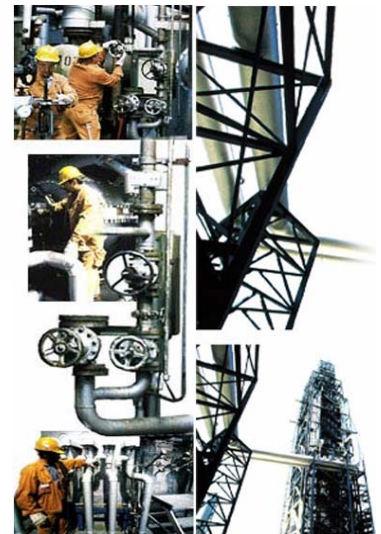


Pipe probe TSS 90 Petro

Today's measurement ...

Petrochemistry Products

**Crude oil in drain water
Batch separation, inline
Product quality surveillance
Full/Empty switch**



Advantages

- Free flow-through
- No intrusive element in the line
- No moving parts
- Minimal mounting height of 45 mm
- Cost saving installation and commissioning
- Factory calibrated
- Maintenance free
- Nominal diameter: DN 50,80,100
ANSI 2",4",6" 300 lbs
- ATEX + PED certified

Principle of reliability

A product flowing through an **aquasant-mt** pipe probe varies the impedance in function of the dielectrical constant and/or the conductivity characteristics of organics products or aqueous solutions. The measured impedance sum signal is converted directly by the measuring electronic MTI into a normed signal. The measured values within the normed signal range are product specific and characteristic for the different products.



SNCH 02 ATEX 3357 X CE 0036/0499





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■ **Your requirements ...**

A reliable surveillance of the process, assured by a maintenance free impedance measurement system

■ **Separation**

of aqueous liquids in high storage tanks

■ **Product surveillance**

of crude oil in drain water, of petrochemical products at storage process

■ **Drain water control**

of petrochemical intrusions

■ **Independent of**

- Density
- Viscosity
- Flow speed and direction
- Temperature up to 100 °C
- Pressure up to 300 lbs



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