



Alky settler

Reliable

Measurement across the span of the vessel with multiple sensors increases the availability

Cost effective

Air/water calibration reduces commissioning time

User friendly

Non-invasive measurement ensures easy and safe maintenance

Multi-point interface tracking in the settler

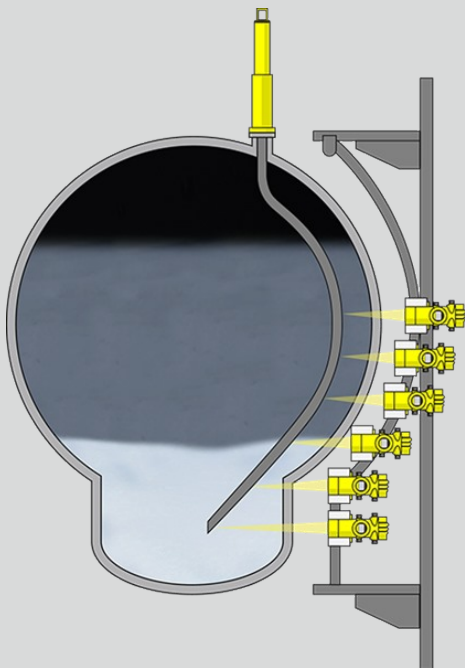
In an alkylation unit the acid settler is fed from the reactor vessel which is used to remove acid for recycling back into the reactor. The layers created in the separation process form interfaces that must be tracked to manage the output of the material from the unit. Reporting density on a horizontal plane enables accurate control of the process and maximizes throughput, therefore controlling the acid levels for optimal processing.



MINITRAC 31

Multi-point density array for emulsion interface control

- Customizable detector system tracks multiple interfaces
- Non-contact measurement is unaffected by high process temperatures
- Online tracking increases production efficiency





MINITRAC 31

Measuring range - Distance

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Process temperature

-40 ... 60 °C

Process pressure

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Accuracy

0.1 %

Materials, wetted parts

No wetted material

Seal material

no media contact

Housing material

Aluminium

Stainless steel (precision casting)

Protection rating

IP 66/IP 67

Output

Profibus PA

Foundation Fieldbus

4 ... 20 mA/HART - four-wire

Ambient temperature

-40 ... 60 °C