



Reliable

Safe measurement even under extreme conditions

Cost effective

Reduced need of foam agents thanks to continuous foam monitoring

User friendly

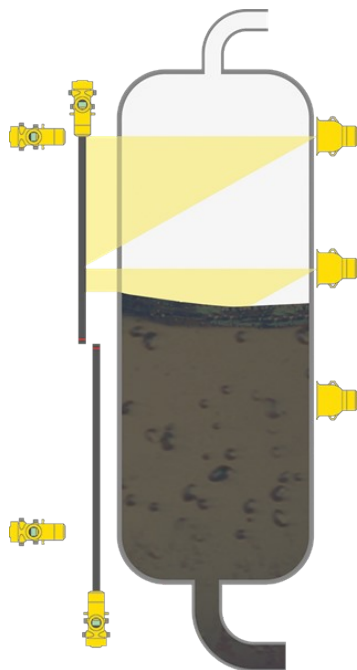
Easy installation

Coke drums

Density, level measurement and point level detection in coke drums

Delayed coking units are a critical step in the refining process - this is where downtime, inefficiency, and overfill are not an option. They generate extreme heat during operation and are very large vessels. By monitoring upper vapour phase density, operators can reduce antifoam carry-over and improve continuous productivity with accurate level measurement.

[More details](#)



FIBERTRAC 31

Radiation-based sensor for continuous level measurement in coke drums

- Lightweight construction eliminates need for cranes or special rigging for mounting
- Long detector length minimizes the need for additional platform construction
- RS485 gauge to gauge communication network offers extensive diagnostics and reduced troubleshooting time

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MINITRAC 31

Radiation-based density and point level measurement in coke drums


- Non-contact measurement unaffected by fluid viscosity, deflection or refractive properties
- Monitors anti-foam injection effectiveness
- RS485 gauge to gauge communication network offers extensive diagnostics and reduced troubleshooting time
- Re-zeroing of the system with each cycle improves accuracy

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PRO

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Measuring range - Distance 7 m
Process temperature -
Process pressure -
Accuracy ± 0.5 %
Density Density
Materials, wetted parts No wetted material
Threaded connection Mounting from outside via supplied mounting brackets
Seal material no media contact
Housing material Aluminium Stainless steel (precision casting)
Protection rating IP66/IP67

PRO

MINITRAC 31 Show Product

Measuring range - Distance -
Process temperature -40 ... 60 °C
Process pressure -
Accuracy 0.1 %
Materials, wetted parts No wetted material
Seal material no media contact
Housing material Aluminium Stainless steel (precision casting)
Protection rating IP66/IP67
Output Profibus PA Foundation Fieldbus Four-wire: 4 ... 20 mA/HART
Ambient temperature -40 ... 60 °C