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Reliable

Reliable determination of solid content under all operating conditions

Cost effective

Cost savings through optimised flocculent dosage

User friendly

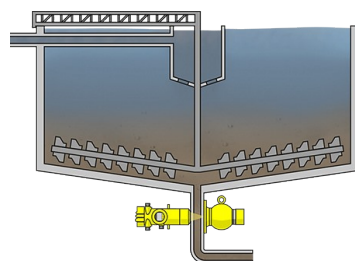
Simple mounting and setup

Ore thickener

Density measurement in the ore thickener

Extracted minerals are fed to the thickener as a slurry via a trough. The solids are settled out into the bottom of the tank, in a process accelerated through the addition of flocculants. Precise density measurement of the slurry underflow is necessary for effective control of the ore thickener.

[More details](#)



MINITRAC 31

Radiometric density measurement in the ore thickener

- Simple retrofitting during ongoing production processes
- High plant availability using non-contact measurement
- Exact measuring results, independent of process conditions

[Show Product](#)

MINITRAC 31
[Show Product](#)**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

IP66/IP67

Output

Profibus PA

Foundation Fieldbus

Four-wire: 4 ... 20 mA/HART

Ambient temperature

-40 ... 60 °C