

Ore thickener

Reliable

Reliable determination of solid content under all operating conditions

Cost effective

Cost savings through optimised flocculent dosage

User friendly

Simple mounting and setup

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.



MINITRAC 31

Radiometric density measurement in the ore thickener

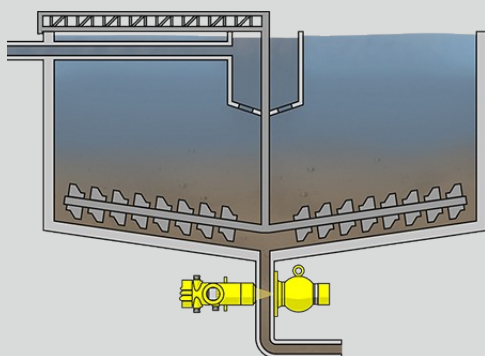
- Simple retrofitting during ongoing production processes
- High plant availability using non-contact measurement
- Exact measuring results, independent of process conditions



VEGASOURCE 31

Container for radioactive source capsules

- Trustworthy shielding allows use without control areas
- Minimal space requirements and simple mounting
- Operational safety through pneumatic ON/OFF switching





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

IP66/IP67

Output

Profibus PA

Foundation Fieldbus

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

Ambient temperature

-40 ... 60 °C

VEGASOURCE 31

Ambient temperature

-20 ... 80 °C