



### Reliable

Reliable determination of solid content under all operating conditions

### Cost effective

Cost savings through optimised flocculent dosage

### User friendly

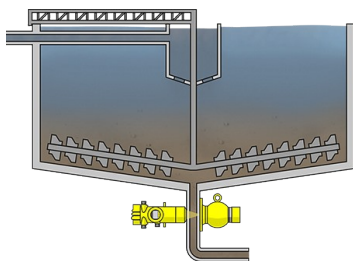
Simple mounting and setup

## 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

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### 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

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**MINITRAC 31**  
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**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

**VEGASOURCE 31**  
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**Ambient temperature**

-20 ... 80 °C