

Reliable

Maximum safety through approvals according to SIL

Cost effective

Reliable density measurement ensures high plant availability

User friendly

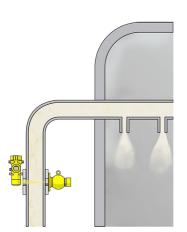
Maintenance-free through non-contact measurement



Density measurement in lime milk

The flue gas enters the scrubbing tower (absorber) and cools down further. Here the lime milk (gypsum suspension) is sprayed into the flue gas to wash out the SO2 gas component. The sulphur dioxide is converted into calcium sulphite, which then falls into the absorber sump. To ensure effective flue gas desulfurization, the lime milk (gypsum suspension) must always have a certain density. Radiation-based measurement is used to ensure this.

More details





MINITRAC 31

Radiation-based density measurement ensures efficient desulfurization

- Non-contact density measurement from the outside, right through the pipeline
- High system availability ensured through wear and maintenance-free operation
- Accurate measuring result, approval according to SIL2

Show Product

VEGASOURCE 31

The source container serves as a receptacle and shield for the radioactive source

- Focuses the radiation
- Protects the surroundings from gamma radiation
- Minimal space requirements and simple mounting

Show Product



MINITRAC 31	VEGASOURCE 31
Show Product	Show Product
Measuring range - Distance -	Ambient temperature
	-20 80 °C
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

