



## Flue gas scrubber

### Reliable

Reliable function, even with a turbulent product surface

### Cost effective

Economical solution without capillary tubes

### User friendly

Front-flush mounting avoids buildup and enables a maintenance-free measurement

### Level measurement in the flue gas scrubber

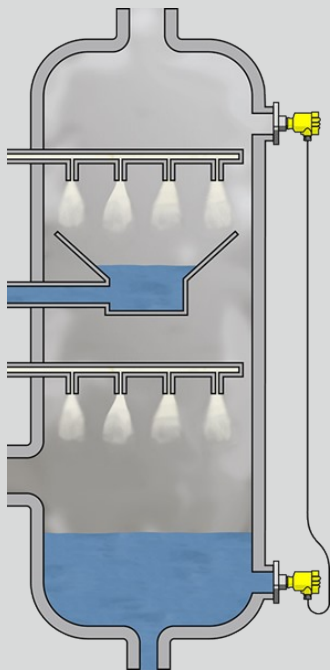
Flue gas from waste incineration must be cleaned before it is released into the environment. Flue gas scrubbers do this by removing acidic gas components such as sulphur dioxide. Lime water is used as the washing solution and it is sprayed in against the flow of the gas. The lime deposits filtered out of the washing water are used as gypsum, e.g. for the production of plasterboard. To ensure a continuous scrubbing process, a constant level in the scrubbing tower is required.



### VEGABAR 82

Level measurement via electronic differential pressure in the scrubbing tower

- Reliable function under difficult process conditions
- Measurement ensures continuous operation
- Easy installation with no capillary lines





## VEGABAR 82

### Measuring range - Distance

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### Measuring range - Pressure

-1 ... 100 bar

### Process temperature

-40 ... 150 °C

### Process pressure

-1 ... 100 bar

### Accuracy

0.05 %

### Materials, wetted parts

PVDF

316L

Alloy C22 (2.4602)

PP

1.4057

1.4410

Alloy C276 (2.4819)

Duplex (1.4462)

Titanium Grade 2 (3.7035)

### Threaded connection

≥ G½, ≥ ½ NPT

### Flange connection

≥ DN15, ≥ ½"

### Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting with tension flange DN32

hygienic fitting F40 with compression nut

DRD connection ø 65 mm

SMS 1145 DN51

SMS DN38

Swagelok VCR screwing

Varivent G125

Varivent N50-40

for NEUMO BioControl D50 PN16 / 316L

### Seal material

EPDM

FKM

FFKM