



Reliable

Reliable buildup measurement despite high temperatures

Cost effective

Monitoring the formation of buildup ensures high availability of the cyclone

User friendly

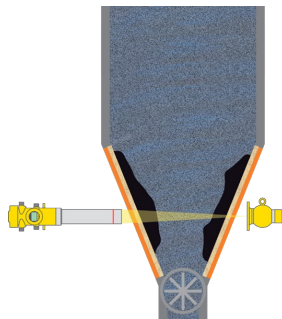
Simple external mounting

Cyclone

Buildup measurement in cyclones

In clinker production, cyclones are used to preheat the raw meal. Before the raw meal enters the rotary kiln it is preheated to +900 °C in the cyclone. Constant monitoring of the buildup thickness on the walls ensures a continuous process.

[More details](#)



SOLITRAC 31

Radiometric measurement of buildup in cyclones

- Exact measuring results, independent of process conditions
- High process reliability through buildup detection
- High plant availability thanks to non-contact measurement

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VEGASOURCE 31

Container for radioactive source capsules

- High operational safety ensured through pneumatic opening and closing of source holder
- Comprehensive shielding reduces size of controlled areas
- Minimal space requirements and simple mounting

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SOLITRAC 31
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Measuring range - Distance
 3 m

Process temperature
 -

Process pressure
 -

Accuracy
 $\pm 0.5 \%$

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

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Ambient temperature
 -20 ... 80 °C