



#### Reliable

Reliable buildup measurement despite high temperatures

#### Cost effective

Monitoring the formation of buildup ensures high availability of the cyclone

#### User friendly

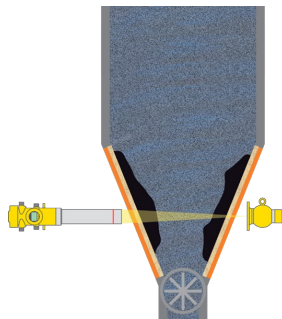
Simple external mounting

## 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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PRO

**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