



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

± 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