

Selection and ordering data**Order No.****FLK (liquid/air cooling) gas sampling system**7MB1951-  - A A 0

for rotary cement kilns.

Compact design with heat transfer liquid cooling.

Suitable for gas temperatures up to 1 400°C and dust loads up to 2 000 g/m³

Operating temperature of coolant circuit up to 220°C.

Consisting of:

- Gas sampling probe
- Dust filter
- Automatic retraction unit with electrical and pneumatic drive
- Backflushing equipment with condensation removal
- Liquid/air heat exchange unit
- Mounting accessories

Control and monitoring unit

Fully wired and mounted in wall cabinet

Dimensions (W x H x D): 1 000 x 1 400 x 300 mm

Functions:

- Controlling removal of dust from probe and dust filter
- Automatic probe retraction, time-controlled or in the event of a fault
- Monitoring, processing and displaying sampling system fault and operational messages

- Without control and monitoring unit
- Control and monitoring unit with SIMATIC S7-300

Sampling probe

Made of stainless steel 1.4571

With side sampling opening

Standard lengths: 1 000, 1 500, 2 000, 2 500 and 3 000 mm immersion depth

Special lengths on request

- Without sampling probe
- Sampling probe 2 500 mm; sampling point on right
- Sampling probe 2 500 mm; sampling point on left
- Sampling probe 3 000 mm; sampling point on right
- Sampling probe 3 000 mm; sampling point on left
- Sampling probe 1 000 mm; sampling point on right
- Sampling probe 1 000 mm; sampling point on left
- Sampling probe 1 500 mm; sampling point on right
- Sampling probe 1 500 mm; sampling point on left
- Sampling probe 2 000 mm; sampling point on right
- Sampling probe 2 000 mm; sampling point on left

Automatic oven flap

Without

With

Power supply

230 V/50 Hz

115 V/60 Hz

115 V/50 Hz

230 V/60 Hz

Documentation

English

German

Backflushing equipment with condensation removal

Condensation remover integrated into backflushing equipment

Condensation remover (enclosed separately) for mounting on analysis cabinet

0

1

A

B

C

D

E

F

G

H

J

K

L

A

B

0

1

2

3

0

1

0

1