

Selection and ordering data

Order No.

Set CEM 1 – Continuous Emission Monitoring

7MB1953-



Cannot be combined

Rack

Rack 1: 2 000 x 800 x 800 mm (H x W x D), with sample preparation device, with hinged frame 40 HU, hose/cable inlet on left side, with lighting, prepared for 1 x ULTRAMAT 23, max. five 19" rack units possible

0

A03, A04, B02, B04

Rack 2: 2 000 x 800 x 800 mm (H x W x D), with sample preparation device, with hinged frame 40 HU, hose/cable inlet on right side, with lighting, prepared for 1 x ULTRAMAT 23, max. five 19" rack units possible

1

A03, A04, B02, B04

Rack 3: 2 000 x 800 x 600 mm (H x W x D), with sample preparation device, with hinged frame 40 HU, hose/cable inlet on left side, with lighting, prepared for x ULTRAMAT 23, max. five 19" rack units possible, not suitable for LDS 6

2

A01, A02, B01, B03, E01 ... E06, F01 ... F06, G01 ... G04

Rack 4: 2 000 x 800 x 600 mm (H x W x D), with sample preparation device, with hinged frame 40 HU, hose/cable inlet on right side, with lighting, prepared for 1 x ULTRAMAT 23, max. five 19" rack units possible, not suitable for LDS 6

3

A01, A02, B01, B03, E01 ... E06, F01 ... F06, G01 ... G04

Rack 5: 2 060 x 900 x 600 mm (H x W x D), GRP, base 80 mm, with sample preparation device, with hinged frame 40 HU, hose/cable inlet on left side, with lighting, prepared for 1 x ULTRAMAT 23, with side panels, incl. door with window, max. five 19" rack units possible, not suitable for LDS 6

4

A01 ... A04, B01 ... B04, E01 ... E06, F01 ... F06, G01 ... G04

Rack 6: 2 060 x 900 x 600 mm (H x W x D), GRP, base 80 mm, with sample preparation device, with hinged frame 40 HU, hose/cable inlet on right side, with lighting, prepared for 1 x ULTRAMAT 23, with side panels, incl. door with window, max. five 19" rack units possible, not suitable for LDS 6

5

A01 ... A04, B01 ... B04, E01 ... E06, F01 ... F06, G01 ... G04

Sampling probe

Without

A

Standard sampling probe

B

Ventilation/cooling

Without

A

Fan with outlet filter

B

Cabinet air-conditioning unit

C

Cabinet air-conditioning unit for GRP rack

D

Heating

Without

0

Cabinet heating

1

Fuse protection

1-pole

0

2-pole (standard in Benelux countries)

1

Removal of condensation

Without

0

19 l container with level monitoring

1

NO₂/NO converter

Without

A

NO₂/NO converter

B

Power supply

115 V AC, -15 %, +10 %, 50 or 60 Hz

A

230 V AC, -15 %, +10 %, 50 or 60 Hz

B

400 V AC, -15 %, +10 %, 50 or 60 Hz (3 phases, neutral, ground provided by customer)

C

Connection set for heated line

Without controller

0

Standard controller (max. 35 m heated line can be connected)

1

Note:
The heated sample gas line must be ordered separately using Catalog PA 11.

Additional versions**Order code**

Add "-Z" to Order No. and specify order code

| | |
|-----------------------------------|------------|
| Base | |
| Base for rack 1, 2, height 100 mm | A01 |
| Base for rack 1, 2, height 200 mm | A02 |
| Base for rack 3, 4, height 100 mm | A03 |
| Base for rack 3, 4, height 200 mm | A04 |

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|---|------------|
| Rack accessories | |
| Outer panel painted, for Rack 1 and 2, viewing door | B01 |
| Outer panel painted, for Rack 3 and 4, viewing door | B02 |
| Outer panel painted, for Rack 1 and 2, sheet steel door | B03 |
| Outer panel painted, for Rack 3 and 4, sheet steel door | B04 |

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| ULTRAMAT 23, OXYMAT 6 extractive analyzers | |
| ULTRAMAT 23: CO, NO | C01 |
| ULTRAMAT 23: CO, NO, SO ₂ | C02 |
| ULTRAMAT 23: CO, NO, CO ₂ | C03 |
| ULTRAMAT 23: CO ₂ | C04 |
| ULTRAMAT 23: Electrochemical O ₂ sensor for ULTRAMAT 23 expansion | C05 |
| OXYMAT 6: OXYMAT paramagnetic O ₂ analyzer | C06 |

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| Additional sample preparation components | |
| For another ULTRAMAT 23 | D01 |
| Coalescence filter | D02 |

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| LDS 6 in-situ analyzers | |
| HCl including sensor pair | E01 |
| HCl/H ₂ O including sensor pair | E02 |
| HF including sensor pair, not suitability-tested | E03 |
| HF/H ₂ O including sensor pair, not suitability-tested | E04 |
| NH ₃ including sensor pair | E05 |
| NH ₃ /H ₂ O including sensor pair | E06 |

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|-------------------------------------|------------|
| LDS 6 hybrid cable per LDS 6 | |
| 5 m | F01 |
| 10 m | F02 |
| 25 m | F03 |
| 40 m | F04 |
| 50 m | F05 |
| Customer-specific > 50 m | F06 |

| | |
|----------------------------------|------------|
| LDS 6 connecting cable per LDS 6 | |
| 5 m | G01 |
| 10 m | G02 |
| 25 m | G03 |
| Customer-specific >25 m | G04 |

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|---|------------|
| Electrical preparation | |
| Preparation for dust measurement | J01 |
| Preparation for flow measurement | J02 |
| Preparation for pressure measurement | J03 |
| Preparation for temperature measurement | J04 |
| Preparation for emission data memory – DIN rail module (on request) | J05 |
| Preparation for emission data memory – 19" rack unit (on request) | J06 |

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| Additional LOGO | |
| LOGO for a third and fourth 19" rack unit | K01 |

Additional versions**Core end labeling**

Single-core labeling Siemens standard

Analog signal processing

Double, galvanically connected, 1 x per analog signal

Double, galvanically isolated, 1 x per analog signal

Documentation

German

English

French (on request)

Order code**L01****M01****M02****N01****N02****N03**