



### Function:

- Microprocessor controlled Analysesystem for online monitoring.
- Clear operator guidance in english or german via display
- The following gases can be measured:
 

Carbon monoxide	%CO
Carbon dioxide	%CO <sub>2</sub>
Hydrogen	%H <sub>2</sub>
Methane	%CH <sub>4</sub>
Temperature	
(TE, Typ K oder S)	°C
Carbonlevel	%C
(calculated from measured gas components)	
- Temperature and pressure compensated Sensors
- Automatically calibration of Zero Gas and test gas
- Separated Input for Process and Test Gas
- Analogue outputs for recorder

## MGas Analyse System for wall mounting

### Technical Data:

#### Construction:

Wall mounted Device

#### Dimensions:

500 x 500 x 360 mm (B x H x T)  
(depend on number of gas components)

#### Weight:

12,5 kg

#### Protection category:

IP 20 nach IEC 529

#### Voltage:

230 V +/- 10 % / 50-60 Hz

#### Warm up:

ca. 10 Minutes

#### Climate:

storage: 0...50 °C

operation: 5...40 °C

#### Measurement range:

CO: 0...35,0 %

CO<sub>2</sub>: 0...0,500 %

H<sub>2</sub>: 0...80,0 %

CH<sub>4</sub>: 0...20,0 %

°C: 0...1200 °C

C: 0...1,50 %

Other Ranges are available on request.

## Technical Data:

### Measurement components:

max. 4

### Mikroprocessor:

no

### Measurement principle:

NDIR- Infrared without moving parts

### Accuracy:

Drift without Autocal.:  $\pm 2\%$  in 12 Monaten FS

Linearity error:  $< 2\%$  FS

Temperature error:  
without Autocal.:  $\pm 2\%$  FS /  $10\text{ }^{\circ}\text{C}$

Pressure:  $\pm 0,2\%$  FS / 10 mbar

Compensated with pressure transducer from 800 mbar to 1200 mbar

Änderungen vorbehalten.