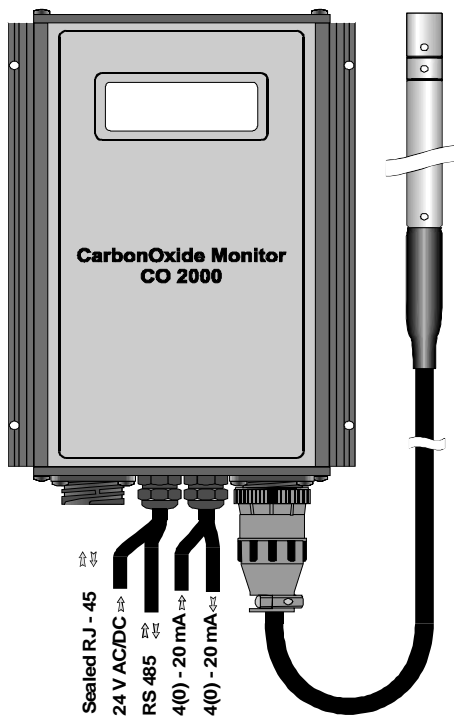


CarbonMonoxide Monitor

CO 2000

- Simple installation and maintenance
- No need for onsite calibration - you get a sensor with an updated calibration by mail
- Rapid reaction (T_{90} less than 8 seconds)
- Unique and simple setup and calibration using the CO2000ViewSet tool on a PC
- No pumps or other moving parts
- Individual sensors uniquely calibrated with all parameters stored in EE-Prom in the sensor
- Specially developed galliumdioxide (Ga_2O_3) sensor offering long service life
- "Highend" web-enabling is offered including HTTP, FTP and OPC servers
- Attractive design in anodized aluminium



Description:

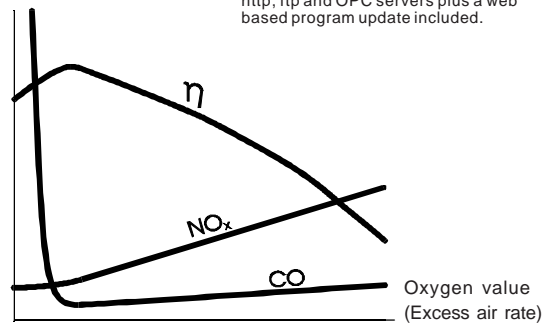
The COS 2000 Galliumdioxide (Ga_2O_3) measuring sensor combines with the gas guiding tube and the CO 2000 electronic unit to form an accurate measuring instrument for continuous measuring of the carbonmonoxide content in for instance flue-gases.

Application:

Measuring of carbonmonoxide (CO_2) directly in the flue-gas after combustion. Facilitates together with a measurement of oxygen (excess air) a regulation that keeps a combustion process at the peak of efficiency.

Data:

Power:	24 V DC/AC 50/60 Hz 12 VA
Dimen. (electronics):	H x W x D 284 x 157 x 65 mm Sensor Ø 10 mm, length 250 mm
Measuring range:	0 - 9,999 ppm of CO volume.
Display:	Backlighted graphical tft-display. 0 - 9,999 ppm of CO . 0 - 20.9 % of O_2 .
Accuracy (overall):	< ± 50 ppm @ < 250 ppm. < ± 20 % @ > 250 ppm.
Gas temperature:	20 - 300 °C.
Output signal:	4(0) - 20 mA free scalable galvanic isolation 300 V DC.
Input signal:	4(0) - 20 mA free scaleable.
Serial data channel:	RS 485 multinode channel and RJ 45 TCP/IP (IP 54 sealed) connector
Heat up time:	approx. 120 seconds.
Calibration:	Sensors are factory calibrated. Factory recalibrated sensors are offered either on request or on a subscriber basis.
Dive length:	50 - 200 mm.
Fitting:	10,5 mm hole in flue-wall.
Probe connections:	Minimum 1 meter of cable between sensor and electronic unit ending in a 14 pole plug.
Configuration:	CO2000ViewSet program on a PC used for all parameterisation and storage of calibration and configuration data.
Web enabling (optional):	ARM 9 processor platform with Linux operation system. Standard RJ 45 TCP/IP connection, http, ftp and OPC servers plus a web based program update included.



From the same supplier:

Oxygen Trim Regulator

OTC 2000 is a P.I.D. regulator that provides optimum combustion throughout the burner's full area of operation.

Fail Safe

FS 2000 'Fail Safe' offers approved and reliable RPM control of combustion air fans.

Oxygen Monitor

OC 2010 Precise, fast reacting and sturdy oxygen monitor with alarms and safe control capabilities. Includes the OS 2000 probe.

Measuring smoke and dust

ODPM 2000 ensures robust and economical optical measuring of smoke density- and dust concentration.

Portable analyse

From Eheim we marked a extensive program of equipment for burner regulation and performance documentation and general gas analyse.

Please ask for further details from:

SCAN TRONIC
COMBUSTION OPTIMIZING
HADSTEN - DANMARK