CleanAir

SIEMENS

Siemens Ultramat 23

N2O / NO / CO2 Analyzer

The Ultramat 23 can measure N2O, NO and CO2 simultaneously. This continuous gas analyzer uses the principle of absorption of non-dispersive infrared radiation (NDIR) for the three compounds in order to measure nitrous oxide (N2O), in an optimal way by limiting NO and CO2 interferents.

- ✓ Rental from one day
- ✓ Technical assistance included

N2O NO CO2

Infrared (NDIR)

TECHNICAL SPECIFICATIONS	
MEASURING RANGES	0 - 500 -5000 ppm N2O 0 - 250 -2500 ppm NO 0 – 5% – 25% CO2
DETECTION LIMIT	1% of the measuring range for N2O, NO and CO2
FLOW	1,2 ± 0,2 l / min
INTERNAL PUMP	Yes
SIGNAL OUTPUTS	4-20mA / RS485
RESOLUTION	< 0,1% of the output signal range
SENSIBILIITY	≤ 1% of the current measuring range
MEASUREMENTS STORAGE	No (possibility to add a data logger)
t90 TIME	@ sample input <1,2 sec
OPERATING T°	+5° to +45°
HUMIDITY	< 90% RH
DIMENSIONS	72 x 60 x 40 cm
WEIGHT	15 kg

KEY POINTS

- Reduced susceptibility to interferences
- Excellent linearity
- Fast response time

APPLICATIONS

- Incinerator
- Health and pharma
- Automotive
- Food & beverage
- Other industries

Recommended equipment for your gas system analysis :

Heated filter probe

Heated line

Cooler

Data logger

Standard gases N2O / NO / CO2

For more information

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