

Siemens Ultramat 23

CO₂ / SO₂ / O₂ Analyzer

The Ultramat 23 can simultaneously measure CO₂ and SO₂ in infrared (NDIR) as well as O₂ in paramagnetic. This continuous gas analyzer uses the principle of absorption of infrared radiation. Several versions with different ranges are available.

- ✓ **Rental from one day**
- ✓ **Technical assistance included**
- ✓ **Comply with EN 14181 et EN 15267 norms**



**Infrared (NDIR)
Paramagnetic**

TECHNICAL SPECIFICATIONS

| | |
|----------------------|---|
| MEASURING RANGES | 0 - 20% - 100% CO ₂ 0 - 1000 - 5000 ppm SO ₂ 0 - 2% - 100% O ₂ |
| DETECTION LIMIT | 0,02% CO 1% of the measuring range for CO ₂ and SO ₂ |
| FLOW | 1,2 ± 0,2 l / min |
| INTERNAL PUMP | Yes |
| SIGNAL OUTPUTS | 4-20mA / RS485 |
| RESOLUTION | <0.1% of the output signal range |
| SENSITIVITY | ≤ 1% of the current measuring range |
| MEASUREMENTS STORAGE | No (possibility to add a data logger) |
| t90 TIME | @ sample input <1.2 sec Except SO ₂ : 8 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
- 19 " rack

APPLICATIONS

- Atmospheric emissions
- Industrial process
- Health
- Other Industries

Recommended equipment for your gas system analysis :



For more information

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