

# Thermo 49i

## O3 Analyzer

Ideal for your regulatory air quality measurements, the Thermo 49i analyzer uses the principle of ultraviolet photometry. It has a temperature and pressure compensation device as well as an internal ozone generator for autocalibration.



Ultraviolet (UV)

- ✓ **Rental from one day**
- ✓ **Technical assistance included**
- ✓ **Complies with EN 14625 and USEPA standards**
- ✓ **TUV and MCERTS certified**

### TECHNICAL SPECIFICATIONS

MEASURING RANGE	0-100 ppb to 0-200 ppm
DETECTION LIMIT	1 ppb
ACCURACY	1 ppb
LINEARITY	± 1% F.S.
OPERATING TEMP.	20°C - 30°C
T90 TIME	20 s (10s latency)
INTERNAL PUMP	Flow 1.3l / min
ACQUISITION SYSTEM	No (can be used with a data logger)
ANALOGUE OUTPUT	0-10 v/0-1 v RS232/485 Ethernet
POWER	230 VAC
DIMENSIONS	425 x 219 x 584 mm
WEIGHT	25 kg

### KEY POINTS

- Internal ozone generator usable for autocalibration
- Fast response time
- Diagnostic tools for optics and electronics

### APPLICATIONS

- Indoor and outdoor air quality
- Continuous specific O3 analysis
- Laboratory analysis

Similar product available at CleanAir :



**For more information**

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