

# Thermo 42i-HL

## NO / NO<sub>2</sub> / NO<sub>x</sub> Analyzer

The Thermo 42i gas analyzer can measure high emission NO<sub>x</sub> and NO<sub>2</sub> gases. The Thermo 42i uses the principle of chemiluminescence. It proceeds by alternately measuring NO (live) then NO<sub>x</sub> (via converter). It continuously displays the 3 parameters (NO / NO<sub>2</sub> / NO<sub>x</sub>).



Chemiluminescence

- ✓ Rental from one day
- ✓ Technical assistance included

### TECHNICAL SPECIFICATIONS

MEASURING RANGES	Programmable from 0 to 5000 ppm
DETECTION LIMIT	50 ppb
LINEARITY	± 1% F.S.
T90 TIME	2,5 s (NO mode) 5 s (NO <sub>x</sub> mode)
INTERNAL PUMP	Flow 25 cc / min
ACQUISITION SYSTEM	No (can be used with a data logger)
ANALOGUE OUTPUT	0-10 V or 4-20 mA , RS232 / RS 485
POWER	240 VAC
DIMENSIONS	425 x 219 x 584 mm
WEIGHT	25 kg

### KEY POINTS

- Optical and electronic parameter setting and diagnostics menus
- Automatic switching of scales
- Fast response time
- Linearity on all scales
- Reduced susceptibility to interfering agents
- Network connection

### APPLICATIONS

- Atmospheric emission gas measurements
- Process gas measurements
- All industries

### Recommended equipment for your gas system analysis :



### For more information

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