

NOVA MODEL 5287

MULTI-GAS AMBIENT AIR ALARM MONITOR

APPLICATIONS

For simultaneous analysis and alarm of up to six of any combination of O₂ deficiency, CO, CO₂, NO, NO₂, SO₂, CL₂, H₂S, NH₃, H₂, LEL combustibles, % RH and temperature of ambient air.



OPTIONS

- Strobe light
- RS-485 digital output to NOVA PC data logging program
- Single large LCD graphics display
- Low sample flow alarm
- Multiple alarm points for measured gases
- Multipoint sampling

FEATURES

- All gas detectors contained in one Nema 4, wall mounted enclosure
- Separate gas detectors for each gas
- Separate LED digital readouts for each gas
- Built in sampling pump
- Single alarm points for each gas with individual alarm lights and common 'sonalert' audible alarm
- Audible alarm reset button provided
- Alarm contacts for all gases
- Recorder output of 4-20ma or voltage for all gases

NOVA ANALYTICAL SYSTEMS INC.
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DESCRIPTION

The Nova Model 5287N12 is designed for the continuous monitoring and alarm of up to six of any combination of O₂ deficiency, CO, CO₂, NO, NO₂, SO₂, CL₂, H₂S, NH₃, H₂, LEL combustibles, % RH and temperature of ambient air.

A built in pump draws in the

sample for analysis. A 1/4" plastic tube may be attached to the analyzer to sample a different area, if desired. Alarms are provided for all gases and low flow. An audible 'sonalert' will sound if any reading goes into alarm and an indicator light beside each digital meter shows which gas is in alarm.

A reset button is provided to silence the 'sonalert'.

Automatic sequencing can also be provided for sampling multiple points.

SPECIFICATIONS

DESCRIPTION	
Measured Gases and Ranges:	Customer's choice of 0-25% O ₂ , 0-5000 PPM CO ₂ , 0-20.0 PPM SO ₂ , 0-200 PPM H ₂ , 0-100 PPM NO, 0-20.0 PPM NO ₂ , 0-200 PPM CO, 0-10 PPM CL ₂ , 0-25 PPM H ₂ S, 0-100 PPM NH ₃ , 0-100% RH and 0-50°C (Other ranges available)
Displays:	Separate LCD digital displays for each gas
Accuracy and Repeatability:	± 2% of full scale
Warm Up:	Approx. 2 minutes. NO and NH ₃ may take up to 2 hours for full stability
Response Time:	Less than 30 seconds to 90% step change
Operating Temperature Range:	40°F to 105°F (5° to 40°C)
Operating Humidity Range:	0-95% R.H. non condensing
Standard Alarms:	One low O ₂ alarm and one high alarm for all other gases. Separate relay contacts for each gas with 5A rating. Separate indicator lights. Common 'sonalert' audible alarm with reset button. Field adjustable set points.
Output:	Separate 4-20ma or voltage output for each gas (RS-485 optional)
Power:	115 VAC 60 Hz (230 VAC 50 Hz available)
Size and Weight:	18" H x 16" W x 8" D @ 18 lbs. (Average size - some may be larger)

Nova reserves the right to specification changes which may occur with advances in design without prior notice.

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