Nitrogen

N2A001
Nitrogen Analyser

Key Benefits

For the operator

- Easy to use with a simple to operate, one button operation
- High levels of accuracy
- Low life time costs - long product life with robust design and proven electronics
- Low and simple maintenance

For the tyre user/ fleet manager

- Using 95% Nitrogen purity in your tyres help them retain their optimal pressure three of four times longer, which give:-
  - Extended tyre life
  - Increased fuel economy
  - Increased safety & reduced tyre related incidents

Key Features

- Accurate and easy to use
- Compact and ergonomic
- Battery charge indicator
- Auto-power off function
- Replaceable battery and sensor
- Auto diagnostic with error codes

PCL's Nitrogen Analyser, a quick and easy to use tool, that shows you the actual Nitrogen percentage in your tyres.

Nitrogen is all around us. When used to replaced compressed air and other gases in tyre inflation, it can enhance handling, improve fuel efficiency, extend tyre life and, most importantly, keeps you safer on the road.

But how do you know how much Nitrogen is in your tyres? Many providers of Nitrogen Tyre Inflation will claim 95% purity, which help tyres retain optimal pressure three to four times longer but how do you know? After all, air is composed of 78% Nitrogen, amongst other gases.

Introducing PCL's Nitrogen Analyser that shows you the actual Nitrogen percentage in your tyres. Most other systems on the market show you the Oxygen percentage and require a calculation to convert it to the figure for Nitrogen.

As with all PCL products, the Nitrogen Analyser provides the highest levels of accuracy and is made for ease of use, with a simple to operate, one button operation, auto diagnostic with error codes to simplify troubleshooting, and a replaceable battery and sensor. The battery life is extended by an automatic power off function.

This makes it ideal for workshops, fleets, tyre shops, and car dealerships, as well as more advanced motor racing applications.

The Nitrogen Analyser complements other Nitrogen products in the PCL range, including Accura Mobile, PCL's portable Nitrogen Tyre Inflation Cart.

PEI MEMBER

PCL AIR TECHNOLOGY

Technical Data Summary

Dimensions	
Height	244mm
Width	80mm
Depth	43mm
Weight	0.83kg
Environmental	
Operating Temperature	0°C to 50°C
Storage Temperature	Optimal 5°C to 25°C
	Maximum -5°C to 60°C
Measurement	
Measurement Range	0 – 100% Nitrogen
Accuracy	±0.5 vol% from 0 to 50 vol% ±2 vol% from 50 to 99 vol%
Display Resolution	0.1 vol%
Measurement Cycle	0.5 seconds
Response time 90%	< 2 seconds
Max Pressure	175 psi / 12 bar / 1200 kPa
Sensor	
Sensor Type	N-33
Sensor Life	24 months
Battery	
Battery Type	9v Alkaline (6LR61)
Operatation	
	Auto Off Time Delay – 5 seconds Battery Charge Indicator Replaceable Battery and Sensor Auto Diagnostic with Error Codes

Contact

Head Office:
Pneumatic Components Ltd
Holbrook Rise
Holbrook Industrial Estate
Sheffield
S20 3GE
T: +44 (0)114 248 2712
F: +44 (0)114 247 8342
E: digital@pclairtechnology.com

Regional Offices:
Pneumatic Components Ltd (North America)
5819 Fire Light Terrace
Moseley
VA 23120
USA
T: (804) 517 - 1590
F: (757) 257 - 9548
E: ebush@pclairtechnology.com

PCL-SUMO Air Technology Pvt Ltd
425 Gemstar Commercial Complex
Ramchandra Lane Extension
Kachpada, Malad (W)
Mumbai 400064
India
T: +91 (0)22 3210 7242
F: +91 (0)22 3210 8678
E: info@pclsumo.com

For further information please contact your nearest PCL office by either telephone, email, or fax. Alternatively, you can visit our website where you will find a wide range of information on our company and products: **www.pclairtechnology.com**