

Nitrogen Podium

N30 / N31

Designed to meet the exacting and testing demands for N2 on the modern petrol forecourt.

The increasing use of Nitrogen in tyres has led PCL to develop the new N30 freestanding nitrogen generation podium so that car users can fill / top up their N2-filled tyres on the forecourt. The N30 provides an attractive, simple and cost-effective design to serve customers, drive repeat business and increase profitability.

The stainless steel or painted casings offer long life and the ability to resist the harsh environment while keeping the unit looking good. All the components from the housing through to the tyre inflator and the hoses are built for ease of use, reliability and long life.

Key Product Benefits

- Fast, accurate, safe N2 tyre inflation
- PCL's most simple and cost effective forecourt N2 unit
- Quick and easy installation
- Low life-cycle costs
- Easy to operate for the road user
- Safe - default to safe setting after use
- Revenue / customer service generation opportunities
- Cashless payment system option

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Key Product Features

- Inflates tyres with N2 from Parker Membrane
- Electronic pre-set pressure setting
- Default to safe setting
- Audible and visual end-of-cycle signals
- Painted as standard
- 30 mm LCD transfective backlit screen as standard
- Guaranteed accuracy with individual testing calibration certificate supplied

Operational Specification

- IP Rating – IP65
- Adjustable lower purge limit and up to 2 purge settings
- Auto zero drift correction
- Auto-start inflation
- Free N2 or cashless

Other Model Options

- Water hose
- Cashless payment option
- Bespoke graphical designs or branded options
- Painted as standard with stainless steel options

Technical Specification

Part No's. N30SS10C / N31SS10C

N2 Parker Membrane: 3 m³/h
Cashless system on specification

Dimensions

Height: 1425 mm
Width: 350 mm
Depth: 150 mm
Weight: 27.4 kg

Hose Lengths

Air hose: 10 m / 33 ft
Water hose: 10 m / 33 ft

Environmental

Operating temperature: -20 °C to 70 °C
Humidity range: Up to 95 % RH non-condensing

Electrical Interface

Voltage nominal: 230 / 120 Vac
Min: 200 Vac / 100 Vac
Max: 260 Vac / 130 Vac
Current typical (idle): 0.1 A
Max: 0.7 A

Pressure Measurement

Accuracy: To ± 0.5 % of full scale reading
Display Resolution: 1 psi/0.1 bar
Maximum inlet pressure: 232 psi / 16 bar
Maximum inflation pressure: 145 psi / 10 bar

Nitrogen Generation

3m³ per hour of N2 at 10 bar mains air supply of 95% purity

Compliance

Complies to: EC Directive 86/217/EEC
BS EN 12645:1999
Most applicable National Directives
(details on request)