

# Nitrogen Inflation Equipment

## Why Nitrogen?

Nitrogen as a dry, stable gas with a slow migration rate through rubber compared to normal air it can offer enhanced handling, improved fuel efficiency, extended tyre life, and most importantly increased safety, which is why it is used in Formula One.

The PCL range of NEXUS Nitrogen products combines the latest in high performance digital inflation technology with the cost effective delivery of Nitrogen. With units specifically designed for every type of inflation application from passenger car tyres to HGV's and OTR tyres; the NEXUS range covers it all.



### KEY PRODUCT BENEFITS

- Revenue generation for Tyre Service Providers
- Cost effective to use - machine pays for itself in as little as 3 months
- Simple to set up with virtually zero maintenance
- Low life time costs - with high grade filtration and high performance components
- Guaranteed accuracy and robustness with ceramic pressure sensor - calibration certificate supplied
- Assembled, tested and calibrated in Sheffield, UK

### KEY PRODUCT FEATURES

- Improved gas separation filters for faster inflation times
- New improved valves and fittings
- Mobile with 90mm castors for better flexibility in positioning
- N2 purity check point
- Internal pressure vessels meet CE standards
- Tank pressure contents gauge
- Electronic preset tyre inflation options for 4 tyres simultaneously
- Digital display screen
- Options for up to 6 tyres at once with different front and rear tyre pressures
- Software programme on inflator options automatically converts up to 4 tyres from air to nitrogen
- Accuracy up to  $\pm 0.5\%$  of full scale reading



**Nitrogen Generator & built-in tyre inflator**

For automatically converting tyres from air to 95%+ Nitrogen



**Nitrogen Generator Only**

For use with existing delivery/ inflation equipment



**Nitrogen Purity Analyser**

For detecting the actual percentage of Nitrogen in a vessel/tyre

PART NUMBER	APPLICATION	PART NUMBER	APPLICATION	PART NUMBER	APPLICATION
NEX2I		NEX2G		N2A001	Nitrogen Analyser
NEX6I		NEX6G		N2AS001	Replacement sensor
NEXMI		NEXMG			