

DRIVEN BY AIR.



Aviation Range from the Tyre Inflation Expert

air line products & tyre inflation equipment for the Aviation industry and high pressure applications

A HORNGROUP COMPANY

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ACCURA 5 Aviation Tyre Inflator

The new ACCURA 5 from PCL is the latest in its line for high pressure applications including Aviation. This takes PCL's market-leading digital tyre inflator, building on its worldwide reputation for fast, accurate and trouble-free inflation and makes it suitable for Aviation applications.

The ACCURA 5 includes features such as metal inlet and outlet valves, metal internal fittings and strong engineering plastics to cope with both the high pressure and the high usage environments seen in Aviation applications.

The unit can inflate using Nitrogen, air or other gases from 0 to 319 psi. Capable of precise measurement with tolerances within

industry standards. ACCURA 5 enables the operator to provide accurate tyre pressures rapidly time after time with the clear digital readout and the direct valve design.

The product has a range of connector options including 8v and 12v screw-on connectors with Skydrol hose suitable for making it THE new standard handheld inflator for Aviation applications.

KEY FEATURES

Ceramic sensor

Clear and easy to read digital display

Modern, lightweight and shock resistant construction

Built in metal components and engineered plastics to withstand high pressure

Brass inlet and outlet valves

Proprietary software increasing accuracy, fine metering and eliminating the chance of false readings

Direct valve inflation and deflation rates

Individual testing supplied with Test Certificate

Built in swivel and hanging device

1 psi accuracy

Long life battery

Low battery warning indicator

8v and 12v connectors available with Skydrol hose

KEY BENEFITS

Suitable for High Pressure environments such as Aviation

Reduced usage times - driven by the simplicity of use and clear display

Reduced operating costs - fast inflation and deflation rates

Increased service - high levels of speed, accuracy and safety

Reduced cost of ownership - long product life

High versatility - flexible usage

Guaranteed accuracy - individual testing

SPECIFICATIONS

Reading Accuracy	1 psi
Inflation Range	0-319 psi
Max Inlet Pressure	350 psi
Inflation Flow	max 1750 l/min @350 psi
Compliance	CE



High Pressure MK3 Aircraft Tyre Inflator

Designed for high pressure aircraft tyres, these robust yet lightweight units are available with a calibration of 45 - 300 psi and offer guaranteed accuracy.

The magnified linear scale is easy to read, whilst the attractive slim line design with ergonomic "2 click action" trigger makes them comfortable and easy to use. The Aircraft Model comes complete with "Skydrol" corrosion resistant hose assemblies with 8v1 and 12v1 tyre valve connectors to suit all aircraft tyre valves.

PCL's high pressure inflators are designed to be durable, with an aluminium body and impact absorbing rubber bumper.

KEY FEATURES

"Skydrol" corrosion resistant hose

Cast aluminium body

Proven linear spring gauge

Magnified clear linear gauge display

Individual testing, supplied with Test Certificate

psi Aviation version

High pressure version with psi/Bar

Inflation pressure up to 300 psi

KEY BENEFITS

Reduced operating costs with fast inflation and deflation rates

Long life - excellent shock resistance with robust durable design and construction

High versatility - suitable for indoor and outdoor environments

Guaranteed accuracy - individual testing

Easy fitting and usage

SPECIFICATIONS

Reading Accuracy	0- 25 bar/5 psi
Inflation Range	0-300 psi
Max Inlet Pressure	362.5 psi
Inflation Flow	500 l/min @13 bar supply



ACCURA 10 Aviation Tyre Inflator

Designed for the Aviation industry, the ACCURA 10 Aviation model incorporates all the benefits of PCL's market leading ACCURA range of products with an added high pressure facility, capable of inflating up to 22 bar / 320 psi / 2208 kPa. Suitable for use with both air and Nitrogen.

The ACCURA 10 is firmly established as the premium product for the Aviation industry, where its reliable, durable features, mixed with touch screen technology make it the safest most simple and

cost-effective solution on the market. All the operator needs to do is pre-set the required pressure and place the connector on the tyre, then confirm to start inflation.

KEY FEATURES

Electronic pressure preset

Clear display for easy customer usage

Default to safe-setting

Robust, high reliability and modern design with die-cast aluminium housing

Ceramic sensor - accuracy to +/-0.5% of full scale reading

Attractive and durable membrane with customisable graphics

Can inflate accurately with hoses up to 50m

Comprehensive diagnostics and error reporting

KEY BENEFITS

Consistent cost effective provision of high levels of safe inflation services

Low life time costs - long product life with robust design and proven electronics

Low and simple maintenance with excellent diagnostics

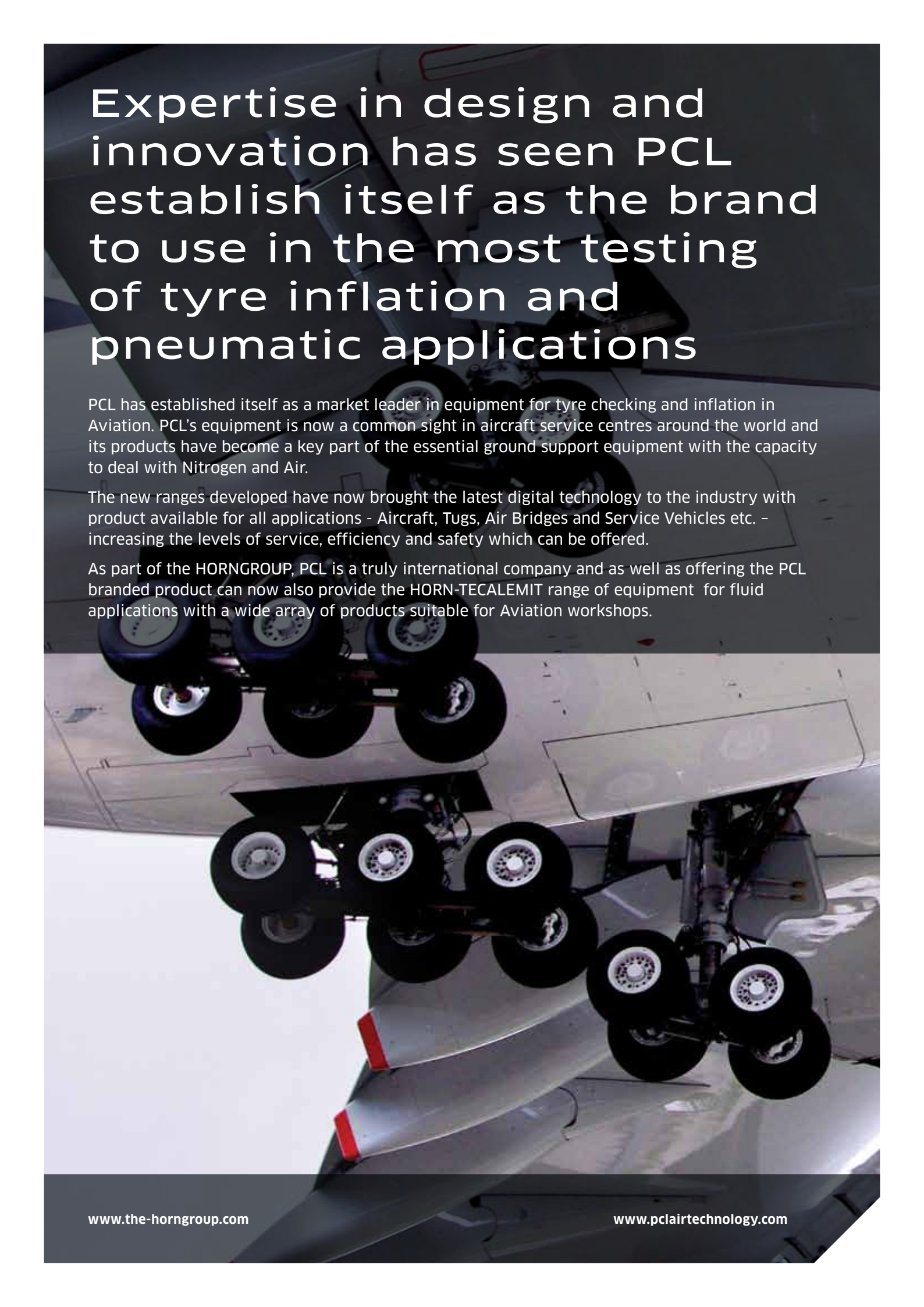
Customisation to meet individual needs and applications

Guaranteed accuracy with individual testing

SPECIFICATIONS

Reading Accuracy	0.1 bar/1 psi/5 kPa/0.1 kg/cm ²
Inflation Range	4 - 320 psi/0.3 - 22 bar
Max Inlet Pressure	25 bar/362.5 psi/2500 kPa
Inflation Flow	3800 l/min @ 20 bar inlet pressure
Compliance	CE



An aerial, top-down view of an aircraft's landing gear system. The aircraft is white with a red stripe on the fuselage. The landing gear consists of multiple sets of wheels, including a main gear with four wheels and a tail gear with two wheels. The background is a dark, slightly blurred sky.

Expertise in design and innovation has seen PCL establish itself as the brand to use in the most testing of tyre inflation and pneumatic applications

PCL has established itself as a market leader in equipment for tyre checking and inflation in Aviation. PCL's equipment is now a common sight in aircraft service centres around the world and its products have become a key part of the essential ground support equipment with the capacity to deal with Nitrogen and Air.

The new ranges developed have now brought the latest digital technology to the industry with product available for all applications - Aircraft, Tugs, Air Bridges and Service Vehicles etc. - increasing the levels of service, efficiency and safety which can be offered.

As part of the HORNGROUP, PCL is a truly international company and as well as offering the PCL branded product can now also provide the HORN-TECALEMIT range of equipment for fluid applications with a wide array of products suitable for Aviation workshops.

Tyre Pressure Check

Digital High Pressure Tyre Gauge

The DAC54 high pressure digital gauge is the latest in the line of quality high pressure measuring tools from PCL. The DAC54 based on the Accura 5 high pressure inflator can measure pressures from 0 to 319 psi. Built for fast, safe and accurate tyre pressure measurement in rugged and testing environments it is the ideal tool for Aviation and other high pressure applications.

PART NUMBER	DESCRIPTION	HEAD TYPE	CALIBRATION	RESOLUTION
DAC54A	Digital Tyre Gauge Kit	8v1 & 12v1 inline	0 - 319 psi	1 psi



Twin Head High Pressure Tyre Gauge

This high pressure gauge with its hard-wearing black vulcanite handle is designed to withstand continual heavy usage and is capable of measuring pressures from 50 - 300 psi. Suitable for use with standard (8v1) and large bore (12v) tyre valves.

PART NUMBER	DESCRIPTION	HEAD TYPE	CALIBRATION	RESOLUTION
TPG54H03	Twin Head Tyre Gauge	8v1 & 12v1	50-300 psi & 4-20bar	5lb & 0.2 bar units



Hose and Connectors

PART NUMBER	DESCRIPTION	TYRE VALVE CONNECTION	VALVE STYLE	INLET SIZE
C09H03	Screw-on Connector	8v1 screw-on	Open end	6.35mm (1/4")
C09P03	Screw-on Connector	8v1 screw-on	Open end	Rp 1/4
C010H03	Screw-on Connector	12v1 screw-on	Open end	6.35mm (1/4")
C010P03	Screw-on Connector	12v1 screw-on	Open end	Rp 1/4

PART NUMBER	DESCRIPTION	TYRE VALVE CONNECTION	VALVE STYLE	INLET SIZE
C012A03	In-line Hold-on Connector	8v1 in-line hold-on	Open end	Rp 1/4
C011A03	In-line Hold-on Connector	12v1 in-line hold-on	Open end	Rp 1/4



Aircraft Model Replacement Hoses

PART NUMBER	HOSE LENGTH	TYRE VALVE CONNECTION
RHA2136	2m reinforced Skydrol hose	Single clip-on
RHA2135	2m reinforced Skydrol hose	12v1 screw-on
RHA2134	2m reinforced Skydrol hose	8v1 screw-on



Other hoses available depending on application, contact PCL for information.

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