

DRIVEN BY AIR.



# AIRFORCE® MK4 Tyre Inflator

Introducing the new and improved industry leading tyre inflator from PCL.



The new AIRFORCE® MK4 Tyre Inflator is as robust as ever and highly accurate, offering leading inflation and deflation rates and high performance for both indoor and outdoor applications. Meanwhile the redesigned piston and seal arrangement means increased accuracy - cycle tests now give over 400,000 inflation cycles at 100% accuracy - over 50% more than previously!

By increasing the size of the viewing window to give a 20% larger field of view,

and altering the graphic print to give a clearer scale reading the new gauge is even more user friendly.

With a new, modern slim line body design the gauge is now lighter yet more ergonomic to give increased comfort in use.

The “Made in Sheffield” AIRFORCE® MK4 Tyre Inflator is still available with the same wide choice of tyre valve connectors and hose lengths to suit all tyre inflation applications.

[www.pclairtechnology.com](http://www.pclairtechnology.com)

A HORNGROUP BRAND

## Features & Benefits

- New Viewing Window - Larger window gives **20% greater field of viewing**
- Lighter Weight - Gauge body weighs only 1kg / 2lbs, **less work strain and easier for repetitive use**
- Biomorphic Shape - Ergonomic, **easier to use and less prone to damage when dropped**
- New Valve Mechanism - Simplified 2 stage mechanism design prevents user having to “push” against full line pressure on deflate **preventing fatigue**
- New Piston & Seal Design - New design, less drag, reduced friction & less movement inertia means no internal corrosion, no sticking and no skewing of accuracy - **Longer life and accuracy**
- New clear lithographic design - **greater magnification providing faster and more accurate reading of results**
- Computer software procedure to measure accuracy and determine pass or fail - **Highest reliability tested on all hose lengths vs other gauges**
- Accuracy Standards - Tested to over 400,000 cycles at 100% accuracy, and compliant with EN12645:2014 - **increased life**
- Registered Design

## Specifications

### Dimensions

Length:	265 mm / 10.4”
Width:	50 mm / 1.9”
Weight:	0.92 kg / 2.035 lbs

### Environmental

Operating:	-25 to 55°C / -13 to 131°F
Storage:	-30 to 80°C / -22 to 176°F

### Pressure Measurement

Accuracy:	Compliant with BS EN12645:2014
Reading Accuracy:	2 psi / 0.1 bar / 10 kPa
Max Inflation Pressure:	140 psi / 9.65 bar / 965 kPa
Max Inlet Pressure:	260 psi / 17.9 bar / 1790 kPa

### Inflation Speed

Inflation flow  
(@ 190 psi / 13 bar): 500 l/min / 18 cfm

Part No.	Hose Length	Connection Type	Calibration
AFG4H03	21" / 0.53m	Twin hold-on	0-138 psi & 0-9.6 bar
AFG4H04	21" / 0.53m	Single clip-on	0-138 psi & 0-9.6 bar
AFG4H031	0.36 m / 14 in	Short stem twin hold-on	0-138 psi & 0-9.6 bar
AFG4H05	1.8 m / 6 ft	Twin clip-on	0-138 psi & 0-9.6 bar
AFG4H06	2.7 m / 9 ft	Twin clip-on	0-138 psi & 0-9.6 bar
AFG4H061	2.7 m / 9 ft	Single clip-on	0-138 psi & 0-9.6 bar

PCLDAT025 V2

PCL is the world leader in the design and manufacture of tyre inflation and compressed air products.

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