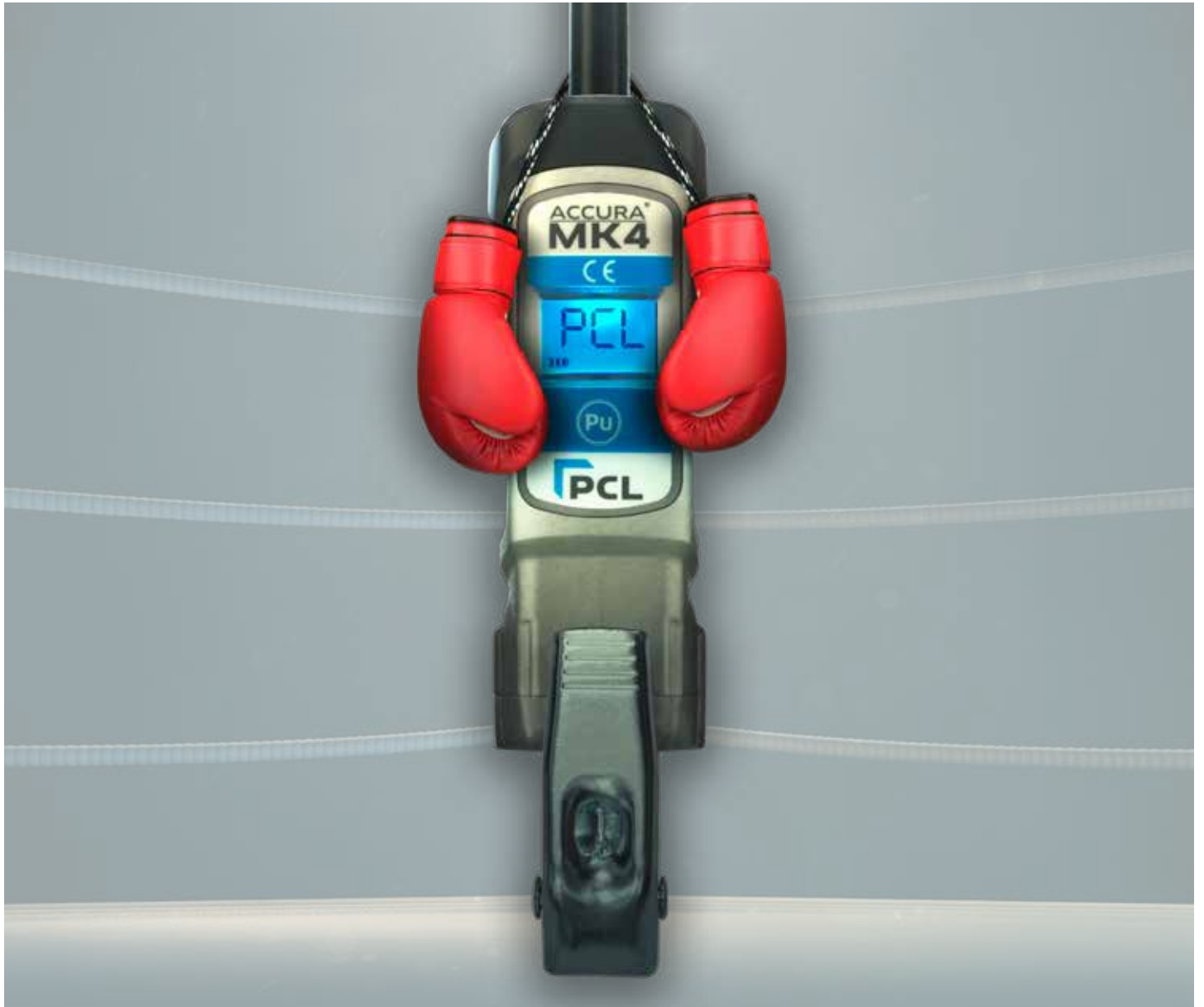


DRIVEN BY AIR.



# ACCURA<sup>®</sup> MK4 Digital Tyre Inflator

Introducing the new industry leading tyre inflator from PCL.

A HORNGROUP BRAND

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

# Digital ACCURA® MK4 Leading the Pack

The new ACCURA® MK4 uniquely combines the robustness of the toughest analogue available today the AIRFORCE® MK4 with the lightness, accuracy and ease of use of a digital inflator.

As robust as ever and highly accurate, offering leading inflation and deflation rates with high performance for both indoor and outdoor applications.

The large size LCD, backlit screen and selectable units of pressure reading make this the most versatile digital handheld product PCL has ever manufactured. With a new, short slimline body design, the gauge is the lightest metal bodied gauge on the

market, with a biomorphic shape to give increased comfort in use.

The ACCURA® MK4 Tyre Inflator is available with a wide choice of tyre valve connectors and hose lengths to suit all tyre inflation applications and is set to become the hottest new product to own.

## Features & Benefits

FEATURES	BENEFITS
Extremely robust aluminium body with protective rubber bumper	Long accurate life expectancy
Small 'compact' body is the lightest metal bodied digital inflator on the market	Easy to use with reduced fatigue
Slimline biomorphic body shape	Increased comfort for the user
Higher pressure range for multiple applications 4 - 250 psi range (including trucks)	Versatile and flexible saving time and money
Permanently backlit in use, auto off after 25 seconds no-use	Easy to read in dark workshops or at night
Large screen and clear digits	Easy and quick to read - Increasing the accuracy and speed of use
IP54 - can be used indoors and outdoors	Saving time and increasing service
Individually tested and certified against national approved gauges	Guaranteed accuracy



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## Results vs Competition

TEST CATEGORY	CRITERIA	ACCURA® MK4	IMITATION GAUGE SAMPLES	PCL USER BENEFITS
Speed	To fill tyre to 3 bar	55 seconds	<b>Over 60 seconds</b>	Saves time and money
Accuracy retention	21" and 9" hose	Excellent and compliant to full EN12645:2014	<b>Variable performance in testing</b> and advertising not fully compliant to EC12645:2014	Peace of mind and safety for users and customers
Robustness	Valve life Battery life	1m+ Operations 400 hours of use	<b>LESS THAN 100k operations</b> 80 hours of use	Long trouble-free life with no returns or on-going spares needs
Reliability	Felt filter on inlet	Not required	<b>Filter protection required</b> which will <b>impede performance</b> and unit will fail significantly earlier	Highly consistent life time performance and neither felt filter drawbacks or valve failures seen on competition
Versatility	Outdoor use Pressure range Light	Can be used outdoors - IP54 Up to 250 psi / 17 bar Bright blue light	<b>Indoor only</b> Up to 174 psi / 12 bar White light only	Highly flexible for all applications and locations saving time and money on the need for multiple products
Ease of use	Weight Visibility Auto off Mid position deflate	450 g Large blue LED 25 seconds Clear deflate position	Up to twice the weight Clear white 8 seconds - too fast for easy use <b>Deflate position not clear and difficult to locate</b>	Safer, faster and easier to use with lower fatigue and no time outs in set-ups
Approvals / Safety	Testing	All testing to approved national stand test rig	Testing not to approved test rig - <b>cannot meet EC standards</b>	Health and safety pre-eminent as ACCURA® is fully compliant and traceable to National Standard test rigs
Safety in use	Pressure setting	Delay in unit change to ensure cannot change in use	<b>No safety feature</b>	Removes risk of units change and over inflation by mistake which is possible with competitor product

# The anatomy of the ACCURA<sup>®</sup> MK4 Digital Tyre Inflator

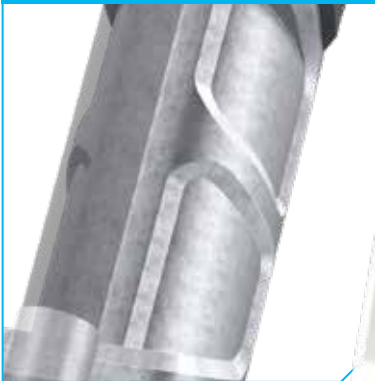
Large LCD screen with clear digits which is permanently backlit in use



Replaceable 2 X AAA batteries power unit (supplied)



Biomorphic body shape gives a lighter feel, ergonomic feel. The design is also less prone to damage when dropped



Sealed unit suitable for all environments



2 stage valve arrangement prevents user having to 'push' against full line pressure on deflate



## SPECIFICATION

Dimensions	L x W: 210 mm x 50 mm / 8.27 in x 1.9 in
Weight (DAC403)	495 g / 1.09 lbs
LCD screen	28 mm x 20 mm / 1.1 in x 0.79 in
Digit height	8 mm / 0.31 in
Operating temperature range	-15 to 55°C / 5 to 131°F
Storage temperature range	-30 to 80°C / -22 to 176°F
Accuracy exceeds	BS EN12645:2014
Reading accuracy	0.1 psi / 0.01 bar / 1 kPa
Inflation pressure	250 psi / 17.2 bar / 1723 kPa
Maximum inlet pressure	260 psi / 18.0 bar / 1795 kPa
Inflation flow (@ 13 bar)	500 l/min / 18 cfm

## Product Options

PART NUMBER	DESCRIPTION	HOSE LENGTH	TYRE VALVE CONNECTION	CALIBRATION
DAC403	21" General Model	0.53 m / 21 in	Twin hold-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC404	21" General Model	0.53 m / 21 in	Single clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC405	6ft Tyreshop Model	1.8 m / 6 ft	Twin clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC406	9ft Tyreshop Model	2.7 m / 9 ft	Twin clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC4061	9ft Tyreshop Model	2.7 m / 9 ft	Single clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC436	Truck Tyre Model	3.6 m / 12 ft	Twin clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa

DAC403



DAC404



DAC405



DAC4061



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PCL

# The best just got better

## AIRFORCE® MK4 Tyre Inflator

MADE IN SHEFFIELD

Large viewing window



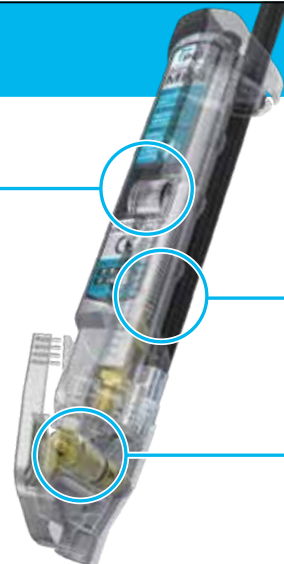
Biomorphic body shape



New piston & seal design



2 stage valve mechanism



All orders are subject to our standard terms and conditions - available on request. In line with our continuous improvement programme, we reserve the right to amend or revise the specification of our products without prior notice. Published October 2018. E. & O.E.

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