

Accura 1



Premium electronic tyre inflation for simplicity, speed and accuracy in tyreshops, garages and transport depots

The ACCURA 1 is a robust yet sophisticated handheld electronic tyre inflator designed to break the mould of existing handheld tyre inflation. With leading electronics and sensor technology as well as patented software algorithms it offers fast, accurate and trouble-free inflation and deflation.

Suitable for tyreshops, garages, car dealers and transport depots the ACCURA 1 has been developed with ruggedised engineering plastics to meet the exacting specifications of high volume and intensive applications. The ACCURA 1's light weight and clever design improves the product's ability to withstand shock further increasing operating life.

The ACCURA 1's biomorphic handle together with the direct valve mechanism provide comfort and excellent rates of inflation and deflation. The pressure is measured by a robust ceramic sensor allowing precise measurement with tolerances well above the industry standard EC 86/217. Accuracy, speed and fine metering are further enhanced by the advanced software while the clear digital display reduces the risk of human errors. All this allows the operator to provide accurate pressures cost effectively permitting tyre users to reap the benefits of extended tyre life, increased fuel economy and improved safety.

Accura 1 Tyre Inflater

Key Benefits

For The Tyre Changer

- Reduced usage times - driven by the simplicity of use and clear display
- Reduced operating costs - fast inflation and deflation rates
- Increased customer service - high levels of speed, accuracy and safety
- Reduced cost of ownership - long product life
- High versatility - flexible usage
- Guaranteed accuracy - individual testing

For the Tyre User/Fleet Manager

- Accurate tyre pressures give:
 - extended tyre life
 - increased fuel economy
 - increased safety and reduced tyre-related incidents

Key Features

- Robust electronic design
- Ceramic sensor
- Clear and easy to read digital display
- Modern, lightweight and shock resistant construction
- Proprietary software increasing accuracy, fine metering and eliminating the chance of false readings
- Direct valve design increasing inflation and deflation rates
- Individually tested and certified
- Built in swivel and hanging device
- Over-pressure warning if pressure exceeds 12 bar /174 PSI/ 1200 kPa
- Long life battery
- Low battery warning light
- Bar, PSI and kPa versions and range of accessories

For a full range of options and modes, please refer to the appropriate Technical Manual.



Technical Data Summary

Contact

● Pneumatic Components Ltd
 Holbrook Rise,
 Holbrook Industrial Estate
 Sheffield
 S20 3GE
T: +44 (0) 114 248 2712
F: +44 (0) 114 247 8342
E: digital@pcl.org.uk

● PCL Asia
 Level 36
 Menara Citibank
 165 Jalan Ampang
 50450 Kuala Lumpur
T: +60 (0)3 2169 6231
M: +60 (0)1 2331 9345
F: +60 (0)3 2169 6232
E: mtan@pcl.org.uk

Dimensions	
Length	250mm (9.84")
Width	110mm (4.33")
Weight	0.35kg (0.77lb)
Environmental	
Temperature Range:	
Operating	-20°C to 60°C
Storage	-30°C to 80°C
Humidity Range	Up to 95% RH non-condensing
Electrical Interface	
Voltage:	
Nominal	3.0 volts
Min	2.6 volts when LO
Max	3.6 volts
Battery	1 x Replaceable 3v coin cell Lithium type battery CR2450
Battery Life	In normal working environment over 950 hours
Pressure Measurement	
Accuracy	Exceeds EC Directive 86/217
Reading Accuracy	0.01 bar /0.2 PSI /1 kPa
Max Inlet Pressure	15 bar /218 PSI /1500 kPa
Inflation Range	0 to 12 bar /174 PSI /1200 kPa
Inflation Speeds	
Inflation flow	Max 910 l/min @13 bar Supply
Compliance	
	CE conformance
Operational Specification	
	Low battery warning – "Lo" appears on the screen Overpressure warning – display shows "— — —" Autostart with LCD check on every "wake-up" During inflation and deflation software only allows "0.00" until "true" pressure reached
	For full technical details please refer to the appropriate Technical Manual E-mail: technical@pcl.org.uk

Optional Features

- Hose lengths
- Connector types
- Range of calibrations

© Pneumatic Components Ltd 2006. All rights reserved

This publication is issued to provide outline information only which (unless agreed in writing by Pneumatic Components Ltd) may not be used, applied or reproduced for any purpose, or form part of any order or contract or be regarded as representation relating to the product or service concerned. Pneumatic Components and the PCL logo are trademarks of Pneumatic Components Ltd as is ACCURA.



For further information please contact your nearest PCL office either by telephone, e-mail or fax. Alternatively, you can visit our website where you will find a wide range of information on our company and products:

www.pcl.org.uk