

## ACCURA 10 Preset Tyre Inflator

### Key benefits

#### For the operator

- Consistent cost effective provision of high levels of safe air inflation services
- Strong marketing potential with modern design, bespoke graphics and user friendly air provision
- **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

#### 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

- Electronic pressure preset
- Auto start inflation
- 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  $\pm 0.5\%$  of full scale reading
- Attractive and durable membrane with customisable graphics
- 230V, 100V/120V and 12V versions
- Can inflate accurately with hoses upto 50m
- Comprehensive diagnostics and error reporting
- Wall or pedestal mounting

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



## Premium electronic tyre inflation performance for petrol forecourts and other inflation applications where simplicity, accuracy and reliability are paramount.

The ACCURA 10 is a premium petrol forecourt product combining a modern, attractive and user friendly design with leading sensor technology and electronics and proprietary software. The ACCURA 10 offers the simplest and safest of tyre inflation procedures with the customer presetting the required pressure and then placing the connector on the tyre with the in-built auto-start function doing the rest.

The ACCURA 10 has been specially designed to break the mould of existing preset tyre inflation equipment and is suitable for both the most testing of commercial indoor environments as well as the intensive retail outdoor applications such as petrol forecourts.

For the operator the attractive yet robust design offers simple installation and long life. The durable ceramic sensor allows extremely precise measurement with tolerances well above the industry standard EC 86/217. At the same time the proven electronics and stable software mean low operating and maintenance costs while the simple diagnostics offer excellent customisation and fault finding facilities.

All this enables operators to cost effectively offer first class inflation services while allowing customers to simply, safely and rapidly reap the benefits of extended tyre life, increased fuel economy and increased safety.

# Technical Data Summary

Dimensions				
	Height	300mm (11.82")		
	Width	420mm (16.55")		
	Depth	90mm (3.55")		
	Weight	9kg (20lbs)		
Environmental				
	Temperature Range:			
	Operating	-20°C to 70°C		
	Storage	-30°C to 80°C		
	Humidity Range	Up to 95% RH non-condensing		
Electrical Interface		230Vac	100/120Vac	12Vdc
Voltage:	Nominal	230Vac	100/120Vac	12Vdc
	Min	175Vac	75Vac	10Vdc
	Max	265Vac	140Vac	16Vdc
Current:	Typical (idle)	0.1A	0.1A	0.1A
	Maximum	0.7A	0.7A	0.7A
Pressure Measurement				
	Accuracy	To ±0.5% of full scale reading; Exceeds EC Directive 86/217		
	Reading Accuracy	0.1bar / 1PSI / 1kPa / 0.1kg/cm <sup>2</sup>		
	Max Inlet Pressure	16bar / 232PSI / 1600kPa / 16.3kg/cm <sup>2</sup>		
	Max Inflation Pressure	10bar / 145PSI / 999kPa / 10.2kg/cm <sup>2</sup>		
Inflation Speed				
	Inflation flow	400 l/min @ 10bar		
Compliance				
	Compliance	Basis: EC Directive 86/217/EEC/BS EN 12645: 1999 & CE		
	Approvals	German: PTB 18.08/04.01 (Single and Dual Screen) French: F-06-H-157 (Dual Screen) Portugese: 245.30.04.3.14 (Single Screen) Spanish: 16-9-009/04013 (Dual Screen)		
Operational Specification				
		IP Rating – IP54 • Zero drift • 30mm backlit transreflective LCD • Auto-start inflation • Hose standard 7.6m with twin hold-on connector • Safe rate of change algorithm • Audible and visual end of cycle signals • Default to safe setting • Coin/Token and Compressor interfaces		
Optional Features				
		• Hose type and length • Connector type • Bespoke graphics • Mechanical buttons • Wall or Pedestal units with both air and water options • Digital/Analogue readout • High Pressure Version – 0 to 22bar / 319PSI / 2200kPA		

## Contact

### Head Office:

**Pneumatic Components Ltd**  
 Holbrook Rise  
 Holbrook Industrial Estate  
 Sheffield  
 S20 3GE

T: +44 (0)114 248 2712

F: +44 (0)114 247 8342

E: info@pclairtechnology.com

### Regional Offices:

#### Pneumatic Components Ltd (North America)

5819 Fire Light Terrace  
 Moseley  
 VA 23120  
 USA

T: (804) 517-1590

F: (757) 257-9548

E: ebush@pclairtechnology.com

#### Pneumatic Components Ltd (Asia)

Level 36  
 Menara Citibank  
 165 Jalan Ampang  
 50450 Kuala Lumpur  
 Malaysia

T: +60 (0)3 2169 6231

M: +60 (0)1 2331 9345

F: +60 (0)3 2169 6232

E: mtan@pclairtechnology.com

#### PCL-SUMO Air Technology Pvt Ltd

Plot No 3, Patkar Compound  
 Kashimira Industrial Estate  
 Village Mira  
 Dist Thane 401 104  
 India

T: +91 (0)22 6515 0171

F: +91 (0)22 2845 4589

E: info@pclsumo.com

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