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ACCURA

Accura Compact Preset tyre inflator

Key benefits

For the operator

- Constant cost effective supply of high levels of safe air inflation services
- Low life time costs – long product life with robust design and proven electronics
- Low and simple maintenance
- Simplicity
- 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
- Space-saving and lightweight design
- Robust high reliability engineering plastic housing
- Ceramic sensor – Accuracy to $\pm 0.5\%$ of full scale reading
- Attractive and durable membrane
- 230V, 100V/120V and 12V versions
- Can inflate accurately with hoses up to 50m in length

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

Accura Compact – Preset electronic tyre inflation performance for all inflation applications where simplicity, accuracy and reliability are paramount.

The Accura Compact is PCL's simplest electronic tyre inflator to date, combining a modern, attractive and user friendly design with leading sensor technology, electronics and proprietary software. The Accura Compact offers the simplest and safest of tyre inflation procedures with the customer pre-setting the required pressure and then placing the connector on the tyre with the in-built auto-start function doing the rest.

The Accura Compact has been specially designed to offer inflation simplicity within a space saving and cost effective design. It is suitable for commercial environments where ease of use and accuracy are key,

such as car dealerships, garages, car fleets, as well as OEM applications.

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.

All this enables users to maintain first class and cost effective inflation while achieving the benefits of extended tyre life, increased fuel economy and increased safety for the vehicle.

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AIR TECHNOLOGY

Technical Data Summary

Dimensions					
Height	255mm (10.04")				
Width	220mm (8.66")				
Depth	100mm (3.94")				
Weight	3.2kg (7.06lbs)				
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					
Voltage	Nominal	230Vac	100/120Vac	12Vdc	
	Min	175Vac	75Vac	10Vdc	
	Max	265Vac	140Vac	16Vdc	
Current	Typical	0.1A	0.1A	0.1A	
	Maximum	0.7A	0.7A	0.7A	
Pressure Measurement					
Accuracy	To ±0.5% of full scale reading				
Reading Accuracy	1PSI / 0.1bar / 5kPa / 0.1kg/cm²				
Max Inlet Pressure	232PSI / 16bar / 1600kPa / 16.3kg/cm²				
Max Inflation Pressure	145PSI / 10bar / 999kPa / 10.2kg/cm²				
Inflation Speed					
Inflation flow	400l/min @ 10bar supply				
Compliance					
Complies to	EC Directive 86/217/EEC,BS EN 12645:1999 & CE				
Operational Specification					
	IP Rating – IP66 Zero drift 30mm backlit transfective 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					
	<ul style="list-style-type: none">• Hose length and type• Connector type				

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

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