

Accura 11/12/13



Premium electronic tyre inflation performance for cost effective inflation in tyreshops and other professional tyre and automotive applications.

The ACCURA 11, 12 and 13 together form PCL's premium tyreshop range. Combining advanced and user friendly design with leading sensor technology, modern electronics and proprietary software the range enables operators to provide leading tyre inflation services cost effectively. The range is suitable for all professional tyre applications including commercial and retail tyreshops, mobile tyre fleets, automotive OEMs, garages, car dealers, as well as transport depots.

The ACCURA tyreshop range has been developed to meet the demanding needs of tyre fitting and tyre management. Simple to use the ability to electronically preset the pressure allows the operator to automatically inflate car and truck tyres to the level required. It is so reliable and accurate that it enables the operator to securely

get on with alternative work whilst the tyre is inflating saving time and money.

The range is enhanced by the "Over Pressure Setting" function (OPS) which has been developed to allow tyre operators to automatically seat the bead on new tyres. The inclusion of the nitrogen purge facility allows the unit to increase the effectiveness of this increasingly popular tyre service. In addition to the standard features the ACCURA 12 offers a high air flow specification while the ACCURA 13 offers this with a multi-tyre capability both reducing potential tyre inflation times.

In short the ACCURA tyreshop range allows operators to safely drive down the cost of their tyre operations while driving up the quality of their services enabling tyre users to reap the benefits of extended tyre life, increased fuel economy and increased safety.

Accura 11/12/13 Preset Tyre Inflators

Key Benefits

For the Operator

- Consistent high levels of fast and safe tyre inflation services
- **Reduced tyre inflation costs** – more efficient use of tyre engineers and equipment
- **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 digital display for fast repeatable accuracy
- Robust, high reliability and modern design with die-cast aluminium housing
- **Ceramic sensor** – accuracy to +/-0.5% of full scale reading
- Attractive and durable membrane with customisable graphics
- High flow ACCURA 12/13 up to 50% faster than traditional methods
- **Over Pressure Setting** – automated seating of the bead
- Nitrogen Purge
- 230V, 100V/120V and 12V versions
- Can inflate accurately with hoses upto 50m
- Comprehensive diagnostics and error reporting

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



Technical Data Summary

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D13

Optional Remote Control

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Dimensions/Weight	ACCURA 11	ACCURA 12/13		
Height	300mm (11.82")	300mm (11.82")		
Width	420mm (16.55")	420mm (16.55")		
Depth	90mm (3.55")	90mm (3.55")		
Weight	9kg (20lbs)	11kg (24lbs)		
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	75 Vac	10 Vdc
	Max	265Vac	140Vac	16 Vdc
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 /1 PSI /1kPa (French Variants 0.01 bar)			
Max Inlet Pressure	16 bar / 232 PSI /1600kPa			
Max Inflation Pressure	10 bar / 145 PSI /1000kPa			
Inflation Speed		ACCURA 11	ACCURA 12/13	
Inflation flow		400 l/min @ 10 bar	1560 l/min @ 10 bar	
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)		
	Portuguese	245.30.04.3.14 (Single Screen)		
	Spanish	16-9-009/04013 (Dual Screen)		
Operating Specifications				
IP Rating - IP54				
Auto Over Pressure Bead Setting (OPS)				
30mm backlit transfective LCD				
Audible and visual end of cycle signals				
Hose standard 7.6m with twin hold-on connector				
Safe rate of change algorithm				
Zero drift				
Auto-start inflation				
Remain at last setting				
Contents purge cycle				

Optional Features

- Hoses type and length
- Connector type
- Bespoke graphics
- Mechanical buttons
- Wall or Pedestal units
- Remote control



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

