

## 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
- **Ceramic sensor** – accuracy to  $\pm 0.5\%$  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 (OPS)** – automated seating of bead
- Nitrogen purge ( $N_2$ )
- 230V, 100V/120V and 12V versions
- Can inflate accurately with hoses up to 50m
- Comprehensive diagnostics and error reporting

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



## 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 ( $N_2$ ) 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.

# Technical Data Summary

Dimensions		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		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 (French Variants 0.01bar)		
Max Inlet Pressure		16bar / 232PSI / 1600kPa		
Max Inflation Pressure		10bar / 145PSI / 1000kPa		
Inflation Speed		ACCURA 11	ACCURA 12/13	
Inflation flow		400 l/min @ 10bar	1560 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-158 (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 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 • Remain at last setting • Contents purge cycle • Auto over pressure bead setting (OPS) • Nitrogen purge (N <sub>2</sub> )				
Optional Features				
• Hose type and length • Connector type • Bespoke graphics • Mechanical buttons • Wall or Pedestal units • Remote control				

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