

DRIVEN BY AIR.



Preset Tyre Inflator

# ACCURA 12 & 13

## Professional, tyre inflation for tyreshops



The ACCURA 12 and 13 offer PCL's top tyreshop solution for professionals wanting to provide customers with first class, cost-effective tyre inflation.

These units are suitable for all tyre applications, including commercial and retail tyreshops, mobile tyre fleets, automotive OEM's, garages, car dealer as well as transport depots.

The advanced design of the ACCURA 12 and 13 means reliability meets touch screen

technology, with no compromise on unit life.

The stylish units feature PCL's sleek new branding, and the inclusion of the Nitrogen purge (N2) facility means the ACCURA 12 and 13 can provide the industry's most up to date tyre services.

Both units provide users with extended tyre life, increased fuel economy and increased safety. The ACCURA 13 also offers multi-tyre capabilities, further reducing tyre inflation times.

**Key benefits**

For the Operator:

- Consistent cost effective provision of high levels of safe air 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
- 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**

- New: High flow solenoid as standard
- New: Touch screen technology
- New: High speed microprocessor
- Electronic pressure pre-set
- Auto-start inflation
- Clear LCD display for easy readings
- Robust, high reliability and modern design
- Ceramic sensor- accuracy to  $\pm 0.5\%$  of full scale reading
- Can inflate accurately with hoses up to 50 m in length
- Comprehensive diagnostics and error reporting Additional inputs/outputs for complete customisation
- Wall or pedestal mounting.

**Specifications**

**Dimensions**

H x W x D: 300 mm x 420 mm x 90 mm  
(11.82" x 16.55" x 3.55")  
Weight: 9 kg (20 lbs)

**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 230 Vac 120 Vac 12 Vdc  
Min 175 Vac 75 Vac 10 Vdc  
Max 265 Vac 140 Vac 16 Vdc

Current:  
Typical 0.02 A 0.04 A 0.2 A  
Maximum 0.05 A 0.10 A 0.5 A  
Smart Battery Charger

**Pressure Measurement**

Accuracy to  $\pm 0.5$  of full scale reading  
Reading Accuracy: 1 PSI / 0.1 bar / 5 kPa / 0.1 kg/cm<sup>2</sup>  
Max Inlet Pressure: 217 PSI / 15 bar / 1500 kPa / 15.3 kg/cm<sup>2</sup>  
Inflation Range: 145 PSI / 10 bar / 1000 kPa / 10.2 kg/cm<sup>2</sup>

**Inflation Speeds**

Inflation flow: 2500 l/min @ 10bar supply  
Deflation capability: 2400 l/min @ 10 bar supply

**Compliance**

EMC directives Exceeds EC Directive 86/217/EEC

**Operational specification**

- IP Rating IP54
- Smart inflation algorithm
- Automatic pressure sensor compensation
- Audible and visual end cycle signals
- 30 mm backlit transreflective LCD
- Auto-start inflation
- Hose standard 7.6 m with twin hold-on connector
- Remain at last setting

**Optional Features**

- Hose type and length
- Connector type
- Bespoke graphics



08/2013 subject to technical changes

PCL is the world leader in the design and manufacture of tyre inflation and compressed air products.

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