

ACCURA Compact Preset Tyre Inflator

Safe, simple and space-saving preset inflation



The ACCURA Compact is PCL's most simple electronic tyre inflator to date, and offers a space-saving solution for car dealerships, garages, car fleets, and OEMs, where ease of use and accuracy are key.

The contemporary, user friendly design with touch screen technology, means that customer can pre-set the required pressure and place the connector on the tyre, leaving the in-built auto-start function to do the rest.

www.pclairtechnology.com

The ACCURA Compact is robust yet attractive, featuring the PCL branding. Durable and easy to install it offers extremely precise measurement with tolerances well above the industry standard BS EN 12645:2014.

In short, the ACCURA Compact provides straight-forward, cost-effective inflation while achieving the benefits of extended tyre life, increased fuel efficiency and increased safety for the vehicle.

Key benefits

For the Operator:

- Consistent cost effective provision 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
- 230 V, 100 V/120 V and 12 V versions
- Can inflate accurately with hoses up to 50 m in length

Technical Specification

Dimensions

H x W x D:	255 mm x 220 mm x 100 mm (10.04" x 8.66" x 3.94")
Weight:	3.2 kg (7.06 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 (idle):	0.1 A	0.1 A	0.1 A
Max:	0.7 A	0.7 A	0.7 A

Pressure Measurement

Accuracy to ± 0.5 of full scale reading
 Reading Accuracy: 1 PSI / 0.1 bar / 5 kPa / 0.1 kg/cm²
 Max Inlet Pressure: 232 PSI / 16 bar / 1600 kPa / 16.3 kg/cm²
 Inflation Range: 145 PSI / 10 bar / 1000 kPa / 10.2 kg/cm²

Inflation Speeds

Inflation flow: 400l/min @ 10bar supply

Compliance

Complies to: EC Directive BS EN 12645:2014

Operational specification

- IP Rating- IP44
- Zero drift
- 30 mm backlit transfective LCD
- Auto-start inflation
- Hose standard 7.6 m 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