

DRIVEN BY AIR.



Preset Tyre Inflator

ACCURA 10

Tried and tested, touch screen inflation



The ACCURA 10 is firmly established as the premium product for petrol forecourts, where its reliable, durable features, mixed with touch screen technology make it the safest most simple and cost-effective solution on the market.

All customers need to do is pre-set the required pressure and place the connector on the tyre, then the inbuilt auto start function does the rest.

The ACCURA 10's high air flow abilities provide fast inflation, with advanced technology providing highly accurate measurements - well above industry standard 86/217/EEC. This tried and tested product enables forecourt managers to offer customers simple, safe and rapid inflation, with the benefits of extended tyre life, increased fuel economy and increased safety.

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
- 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
- Default to safe setting
- 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:	65 Vac	140 Vac	16 Vdc

Current	Typical (idle):	0.02 A	0.04 A	0.2 A
	Max:	0.05 A	0.10 A	0.5 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: 217 PSI / 15 bar / 1500 kPa / 15.3 kg/cm²
Inflation Range: 145 PSI / 10 bar / 1000 kPa / 10.2 kg/cm²

Inflation Speeds

Inflation flow: 2500l/min @ 10bar 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
- Hose standard 7.6 m with twin hold-on connector
- Default to safe setting
- Coin/Token and compressor interfaces

Optional Features

- Hose type and length
- Connector type
- Bespoke graphics
- Wall or Pedestal units with air and water options
- Digital or Analogue display options



08/2013 subject to technical changes

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