

DRIVEN BY AIR.



Preset Tyre Inflator

# ACCURA D10 / D20

Precision delivery and innovative design



ACCURA D10



ACCURA D20

The ACCURA D10 / D20 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.

[www.pclairtechnology.com](http://www.pclairtechnology.com)

The ACCURA D10'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.

A HORNGROUP BRAND

## 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:

- 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

## Technical Specification

### Dimensions

	D10	D20
Height:	300 mm	1512 mm
Width:	420 mm	440 mm
Depth:	90 mm	280 mm
Weight:	9 kg	30 kg

### 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 $\pm 0.5\%$ 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:	2500l/min @ 10bar supply
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### 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



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

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