

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

The ACCURA D10's high air flow abilities provide fast inflation, with advanced technology providing highly accurate measurements - well above industry standard BS EN 12645:2014. 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

- High flow solenoid as standard
- Touch screen technology
- 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:	265 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/cm ²
Max Inlet Pressure:	232 PSI / 16 bar / 1600 kPa / 16.3 kg/cm ²
Inflation Range:	145 PSI / 10 bar / 1000 kPa / 10.2 kg/cm ²

Inflation Speeds

Inflation flow:	2500l/min @ 10bar supply
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Compliance

Exceeds EC Directive BS EN 12645:2014

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.

Pneumatic Components Limited

Holbrook Rise
Holbrook Industrial Estate
Sheffield S20 3GE

T +44 (0)114 248 2712
sales@pclairtechnology.com
www.pclairtechnology.com