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.

www.pclairtechnology.com

The ACCURA 10'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.
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 ±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
- Height: 300 mm
- Width: 420 mm
- Depth: 90 mm
- Weight: 9 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
- 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

Operational specification
- IP Rating - IP54
- Smart inflation algorithm
- Automatic pressure sensor compensation
- Audible and visual end cycle signals
- 30 mm backlit transflective 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

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