



- Dual Display.
- Attractive Alu. Die Cast Body.
- Premium Model.

Premium electronic tyre inflation performance for petrol forecourts, tyre assembly shops, and other heavy duty inflation applications where simplicity, inflation speed with accuracy and reliability are paramount.

The ACCURA Digital Preset Automatic tyre inflator is a premium petrol forecourt product combining a modern, attractive and user friendly design with leading sensor technology and electronics and proprietary software. The ACCURA offers the simplest and safest of tyre inflation procedures with the customer presetting the required pressure and then placing the connector on the tyre with the in-built auto-start function doing the rest.

The ACCURA Digital Preset Automatic tyre inflator has been specially designed to break the mould of existing preset tyre inflation equipment and is suitable for both the most testing of commercial indoor environments as well as the intensive retail outdoor applications such as petrol forecourts.

For the operator the attractive yet robust design offers simple installation and long life. The durable ceramic sensor allows extremely precise measurement with tolerances well above the industry standard EC 86/217. At the same time the proven electronics and stable software mean low operating and maintenance costs while the simple diagnostics offer excellent customisation and fault finding facilities

All this enables operators to cost effectively offer first class inflation services while allowing customers to simply, safely and rapidly reap the benefits of extended tyre life, increased fuel economy and increased safety.

ACCURA Digital Preset Automatic tyre inflator

Key benefits

For the operator

- Consistent cost effective provision of high levels of safe air inflation services
- Strong marketing potential with modern design, bespoke graphics and user friendly air provision
- Low life time costs – long product life with robust design and proven electronics
- Low and simple maintenance with excellent diagnostics
- 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

- Touch Screen (TS) keypad for long life
- Electronic pressure preset
- Auto start inflation
- Clear display for easy customer usage
- Default to safe-setting
- Robust, high reliability and modern design with die-cast aluminium housing
- Ceramic sensor – Accuracy to $\pm 0.5\%$ of full scale reading
- Attractive and durable membrane with customisable graphics
- 230V, 100V/120V and 12V versions
- Can inflate accurately with long hoses
- Comprehensive diagnostics and error reporting
- Wall or pedestal mounting
- Supplied with Nylon Braided Rubber Hose. Twin Hold-on Connector
- Manual Air Filter
- Progressive type inbuilt Digital Tyre Counter

Technical Data Summary

Model D10TS / D11TS / D12TS / D13TS



Model D10TS / D11TS / D12TS



Model D13TS

Dimensions		Environmental	
Height	300mm (11.82")	Temperature Range:	
Width	420mm (16.55")	Operating	-20°C to 70°C
Depth	90mm (3.55")	Storage	-30°C to 80°C
Weight	9kg (20lbs)	Humidity Range	Up to 95% RH non-condensing
Electrical Interface			
Voltage		230Vac	
Power Consumption		15VA	
Pressure Measurement			
Accuracy	To ±0.5% of full scale reading; Exceeds EC Directive 86/217		
Reading Accuracy	0.1bar / 1PSI / 1kPa / 0.1kg/cm ²		
Max Inlet Pressure	16bar / 232PSI / 1600kPa / 16.3kg/cm ²		
Max Inflation Pressure	11.7bar / 1170kPa / 170psi. / 11.95kg/cm ²		
Inflation Speed (flow)			
D10 TS / D11 TS	400 L/min @ 10bar		
D12TS / D13 TS	1600 L/min @ 10bar		
Compliance			
Compliance	Basis: EC Directive 86/217/EEC/BS EN 12645: 1999 & CE		
Operational Specification			
D10 TS	IP Rating – IP65 • Zero drift • 30mm backlit transreflective LCD • Auto-start inflation • Hose standard 7.6m 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		
D11 TS	All above D10TS benefits / parameter + Automatic Over Pressure bead Seating (OPS) facility available. Suitable for Mass scale Tyre Wheel Assembly line.		
D12 TS	All above D11TS benefits / parameter + High flow unit suitable for large volume tyres. (1600 L/min @ 10 bar)		
D13 TS	All above D12TS benefits / parameter + it allows inflation upto FOUR tyres Simultaneously.		
Optional Features			
<ul style="list-style-type: none"> •Hose type and length • Connector type •R.F. Remote Control Sensing •High Pressure Version – 0 to 22bar / 319PSI / 2200kPA for Aviation application in D10TS available 			

PCL-SUMO

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