



**ACCURA QUBE - PCL has cost-effective and accurate tyre inflation boxed off with this space-saving, entry-level unit.**

PCL proves that being square can be stylish with its simplest electronic tyre inflator to date, the user-friendly **ACCURA QUBE**. This tiny 150mmx150mm unit packs a petite but powerful punch, offering fast and accurate tyre inflation within a simple, safe, state-of-the-art design.

The QUBE is just as reliable and straightforward as all products in PCL's leading ACCURA range of preset inflators, yet features just three modes: standard inflate/deflate, tyreshop (featuring overpressure) and nitrogen (top off and complete purge). All the customer needs to do is preset the required pressure, place the connector on the tyre and let the in-built auto-start function do the rest.

In short, the QUBE is designed to be simple and space-saving, without the programmability or customisation of the more expensive models. This versatile little unit is ideal for indoor use, particularly in commercial environments where ease of use and accuracy are key.

The unit's durable ceramic sensor allows extremely precise measurement with tolerances well above the industry standard EC/86/217. Meanwhile the proven electronics and stable software mean low operating and maintenance costs. All in all the robust yet attractive QUBE squares off the market for fast, accurate and economic tyre inflation in car dealerships, garages, car fleets and tyre changers - providing vehicles with extended tyre life, increased fuel economy and increased safety.

**ACCURA QUBE**  
**Preset Tyre Inflator**

**Key Benefits**

- 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
- Plug and play - tyre inflator with 3 pre-selectable application modes
- Fits all applications - general, tyreshop and N2
- Low and simple maintenance
- Guaranteed accuracy with individual testing

**Key Features**

- 3 modes in one inflator
  - Mode 1 - Standard inflate / deflate
  - Mode 2 - Tyreshop mode with overpressure
  - Mode 3 - N2 fill and air to N2 conversion
- Electronic pressure preset
- Auto-start inflation
- Touch screen technology
- Clear display for easy customer usage
- Space-saving and lightweight design
- Robust, high reliability engineering plastic housing
- Ceramic sensor - Accuracy to  $\pm 0.5\%$  of full scale reading
- 230V, 100V/120V and 12V versions
- Can inflate accurately with hoses up to 50m in length
- With moulded AC power cord for geographic regions

# Technical Data Summary

Dimensions	
Height	150mm (5.91")
Width	150mm (5.91")
Depth	92mm (3.62")
Weight	2.3kg (5.08lbs)
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	<b>230Vac</b> <b>120Vac</b> <b>12Vdc</b>
	Nominal 230 Vac    120 Vac    12 Vdc
	Min 175 Vac    75 Vac    10 Vdc
Current	Max 265 Vac    140 Vac    16 Vdc
	Typical 0.1 A    0.1 A    0.1 A
	Maximum 0.7 A    0.7 A    0.7 A
Pressure measurement	
Accuracy	To ±0.5% of full scale reading
Reading Accuracy	1 PSI / 0.1 bar / 5kPa / 0.1kg/cm <sup>2</sup>
Max Inlet Pressure	217 PSI / 15 bar / 1500kPa / 15.3kg / cm <sup>2</sup>
Max inflation Pressure	145 PSI / 10 bar / 1000kPa / 10.2kg/cm <sup>2</sup>
Inflation Speed	
Inflation flow	2,500 l/min @ 10 bar supply
Deflation capability	2,400 l/min @ 10 bar supply
Compliance	
Complies to	EMC directives basis exceeds EC Directive 86/217/EEC
Operational specification	
	IP Rating – IP41 Smart inflation algorithm Automatic pressure sensor compensation Audible and visual end of cycle signals 21mm backlit transfective LCD Auto-start inflation Hose standard 5m with euro clip-on connector
Optional features	
	Hose type and length
	Connector type

## Contact

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