

DRIVEN BY AIR.



Mini Automatic Tyre Inflator

ACCURA QUBE

Contemporary, cost-effective inflation



PCL has proved that being square can be stylish with its user-friendly electronic tyre inflator - the ACCURA QUBE. This tiny 150mm x150mm 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 pre-set inflators, featuring three modes: standard inflate/deflate and tyreshop.

All the customer needs to do is pre-set the required pressure, place the connector on the tyre, and let the inbuilt auto-start function do the rest.

Overall, the robust yet attractive QUBE has the market boxed off for fast, accurate and economic tyre inflation, enabling car dealerships, garages, car fleets and tyre changers to provide users with extended tyre life, increased fuel economy and safety.

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-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 pre-set
- 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 sale reading
- 230 V, 100 V/120 V and 12 V versions
- Can inflate accurately with hoses up to 50 m in length
- With moulded AC power cord for geographic regions

Specifications

Dimensions

H x W x D: 150 mm x 150 mm x 92 mm
(5.91" x 5.9" x 3.62")
Weight: 2.3 kg (5.08 lbs)

Environmental

Temperature range:
Operating: -20 °C to 70 °C
Storage: -30 °C to 80 °C

Electrical Interface

	230 Vac	120 Vac	12 Vdc
Voltage			
Nominal:	230 Vac	120 Vac	12 Vdc
Min:	175 Vac	75 Vac	10 Vdc
Max:	265 Vac	140 Vac	16 Vc
Current			
Typical:	0.1 A	0.1 A	0.1 A
Maximum:	0.7 A	0.7 A	0.7 A

Pressure Measurement

Accuracy: To $\pm 0.5\%$ of full scale reading
Reading Accuracy: 1 psi / 0.1 bar / 5 kPa / 0.1 kg/cm²
Max
Inlet Pressure: 217 psi / 15 bar / 1500 kPa / 15.3 kg/cm²
Max
Inflation Pressure: 145 psi / 10 bar / 1000 kPa / 10.2 kg/cm²

Inflation Speeds

Inflation flow: 2500 l/min @ 10 bar supply
Deflation capability: 2400 l/min @ 10 bar supply

Compliance

Complies to: EMC directive 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
- 21 mm backlit transfective LCD
- Auto-start inflation
- Hose standard 5m with euro clip-on connector

Optional Features

- Hose type and length
- Connector type



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