

DRIVEN BY AIR.



# ACCURA QUBE Series II

Latest in safe cost effective digital inflation.



**INCREASED  
SPEED &  
FEATURES**

The ACCURA QUBE a firm favourite in factories, tyreshops and garages all over the world has now been made even better with integration of PCL's latest digital and communications developments. The tiny but beautifully formed unit now packs an even more powerful punch. To the already fast and safe inflation has been added higher levels of speed and accuracy while PCL has included its new "human-touch" recognition software to the buttons making the unit even easier, faster and more robust.

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. To this basic operation PCL is now adding new optional features to make the unit even more wide ranging. The additional 4 preset button module allows common pressures to be set quickly speeding up processes in workshops, garages and factories.

Overall the robust yet attractive QUBE has the market boxed off for fast accurate and cost-effective inflation and now the unit has become SMART.

[www.pclairtechnology.com](http://www.pclairtechnology.com)

A HORNGROUP BRAND

### 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
- Even easier to use with "human touch" button technology
- Additional 4 button options to speed up workshops, garages or factories
- Plug and play
- Increased control and communication
- Low and simple maintenance
- Guaranteed accuracy with individual testing

### Key features

- Electronic pressure pre-set
- Auto-start inflation
- Touch screen technology with Human Touch recognition software
- 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

### Optional Features

- Hose type and length and connector type
- Four additional preset button available

### Specifications

#### Dimensions

H x W x D: 150 x 150 x 92 mm  
(5.91" x 5.9" x 3.62")

Weight: 2.3 kg (5.08 lbs)

#### Environmental

Temperature range:

Operating:  $-20^{\circ}\text{C}$  to  $70^{\circ}\text{C}$

Storage:  $-30^{\circ}\text{C}$  to  $80^{\circ}\text{C}$

#### 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

Maximum: 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/cm<sup>2</sup>

Max Inlet Pressure: 217 psi / 15 bar /  
1500 kPa / 15.3 kg/cm<sup>2</sup>

Max Inflation Pressure: 145 psi / 10 bar /  
1000 kPa / 10.2 kg/cm<sup>2</sup>

#### 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

BS EN 12495:1999

#### 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