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.

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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 ± 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 additonal preset button available June 2019

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 °C to 70 °C
Storage: -30 °C to 80 °C

Electrical Interface
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 ±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
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

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

Pneumatic Components Limited
Holbrook Rise
Holbrook Industrial Estate
Sheffield S20 3GE
T +44 (0)114 248 2712
info@pclairtechnology.com
www.pclairtechnology.com