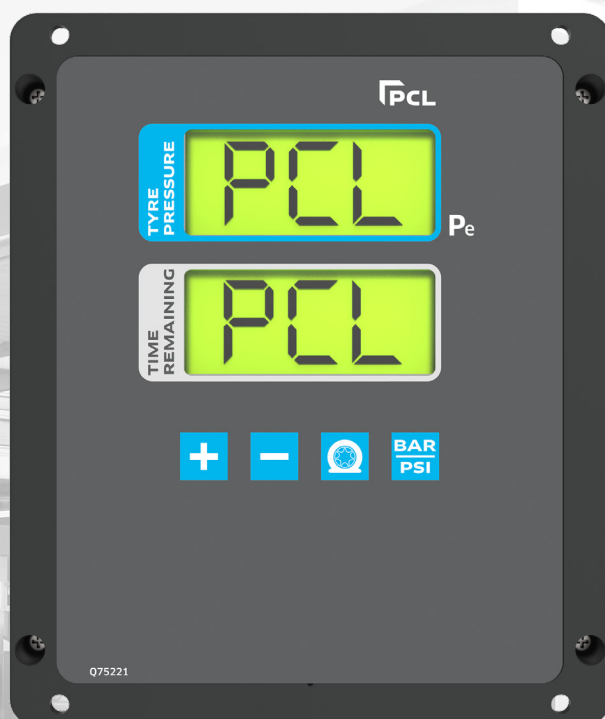


# Multi Unit Control Head

Safe, simple and space-saving preset inflation



PCL's Multi Unit Control Head offers a space-saving design suitable for installation into a Multi Function Forecourt Tower. The unit controls a range of valuable revenue generating services including air, screenwash, vacuum and fragrance. This electronic controller incorporates the latest digital inflation technology, with easily programmable parameters to manage transaction and time.

The contemporary, user friendly design with touch screen technology, features two easy to read LCD screens to display tyre

pressure and a countdown timer, and an audible end of cycle signal. Customers can pre-set the required pressure and place the connector on the tyre, leaving the in-built auto-start function to do the rest.

The Multi Unit Control Head is robust yet attractive, featuring the PCL branding. Durable and easy to install it offers extremely precise measurement with tolerances well above the industry standard BS EN 12645:2014.

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

## Key benefits

For the Operator:

- Consistent cost effective provision of valuable revenue generating forecourt services including air, screenwash, vacuum and fragrance
- Low life time costs - long product life with robust design and proven electronics
- Low and simple maintenance
- Simplicity
- Guaranteed accuracy with individual testing
- Utilise space
- Less down time

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

- Electronic pressure preset
- Auto-start inflation
- Clear display for easy customer usage
- Default to safe-setting
- Space-saving and lightweight design
- Robust high reliability engineering plastic housing
- Ceramic sensor – Accuracy to  $\pm 0.5\%$  of full scale reading
- Attractive and durable membrane
- 230 V, 100 V/120 V and 12 V versions
- Can inflate accurately with hoses up to 50 m in length
- Multiple payment options

## Technical Specification

### Dimensions

H x W x D: 255 mm x 220 mm x 100 mm  
(10.04" x 8.66" x 3.94")

Weight: 3.2 kg (7.06 lbs)

### 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

Nominal: 230 Vac 120 Vac 12 Vdc

Min: 175 Vac 75 Vac 10 Vdc

Max: 265 Vac 140 Vac 16 Vdc

Current

Typical (idle): 0.1 A 0.1 A 0.1 A

Max: 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/cm<sup>2</sup>

Max Inlet

Pressure: 232 PSI / 16 bar / 1600 kPa / 16.3 kg/cm<sup>2</sup>

Inflation Range: 145 PSI / 10 bar / 1000 kPa / 10.2 kg/cm<sup>2</sup>

### Inflation Speeds

Inflation flow: 400l/min @ 10bar supply

### Compliance

Complies to: EC Directive BS EN 12645:2014

### Operational specification

- IP Rating - IP44
- Zero drift
- 30 mm backlit transfective LCD
- Auto-start inflation
- Hose standard 7.6 m 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

### Optional Features

- Hose type and length
- Connector type