



Forecourt Equipment

The most sophisticated and comprehensive range of tyre inflation and self-service equipment for petrol filling stations and commercial sites.

The PCL heritage

PCL is now celebrating over 85 years since the first pressure gauges were designed and manufactured in Sheffield, England. Now part of the HORNGROUP adding the TECALEMIT fluid expertise, PCL is recognised as a global market leader in the design manufacture and distribution of tyre inflation and forecourt service equipment.

With over 85 years of knowledge of compressed air and fluid equipment we are able to utilise this experience in the petrol market. PCL's products are a familiar site around the world from petrol forecourts, tyre shops, workshops, factories and

airports. PCL continues to expand globally utilising new smart technologies to ensure its customers get the latest products allowing them to deliver excellent services to their customers and drive their revenues.



The ranges

Why PCL?

1. Extensive experience in meeting the needs of the Petrol Forecourt
2. Wide range of equipment for delivering services to forecourt customers and driving revenue - Air, Water, Screenwash, Nitrogen (N2), AdBlue® (DEF), Vacuum and Fragrance
3. High quality and performance with all equipment built to meet the latest needs of the forecourt
4. Versatility - bespoke capabilities and strong service to match
5. OEM services to meet the design needs of the forecourt service and equipment providers globally

Freestanding Air & Water Towers

Page 4-5

PCL's Premium Tower units are available with hose reels or coiled hoses to suit market preference. Available with built in compressors and range of payment options - free vend, coin/token and cashless - suitable for use on modern forecourts around the world.



Multi-function Digital Forecourt Units

Page 6-7

PCL's "Multi" offers an opportunity for forecourts to provide a wide range of services to their customers including tyre inflation, water/screen wash, vacuum and fragrance all in one user friendly cabinet. Free vend, coin/token and cashless options available.



Freestanding Air & Water Podiums

Page 8-9

PCL offers a range of space saving air and water podiums, ideal for congested locations. Free vend or cashless payment options are available.



Nitrogen Towers & Podiums

Page 10-11

The increasing use of nitrogen in tyres has led PCL to develop its Nitrogen range with the premium nitrogen and water towers and space saving podiums.



Wall or Pedestal Units

Page 14-19

PCL offers a range of free vend wall and pedestal units. Available with air only or air and water dispensing hoses.



Handheld Forecourt Units

Page 20-21

Featuring top end performance and design, PCL's handheld units meet all relevant safety standards and are suitable for both indoor and outdoors applications.



Vacuum & Fragrance Units

Pages 22-23

Completing PCL's Forecourt portfolio is the "V" range of Vacuum and Fragrance machines which incorporate the latest digital technology.



OEM Service & Kits

Page 24

As well as bespoke solutions, PCL also offers OEM kits where customers have their own cabinets /housing design but want access to PCL's proprietary systems and software.



Bespoke Solutions Available see page 12-13

PCL Free Spirit Range see page 26-27

FREESTANDING AIR & WATER TOWERS & PODIUMS



The latest air and water tower with integrated reels designed and built in the UK is constructed to meet the exacting and testing demands of the modern petrol forecourt while also providing an attractive and stylish appearance.

The stainless steel or painted casings offer long life and the ability to resist the harsh environment while keeping the unit looking good. All the components from the housing through to the tyre inflator, the hoses and even the radiator filler are built for ease of use, reliability and long life.

These air towers can be customised from our standard specification to suit individual customer requirements.

Key Benefits of Tower Range

- Fast, accurate, safe tyre inflation
- Revenue / customer service generation opportunities
- Versatile and flexible with bespoke options to suit a range of market requirements
- Quick and easy installation
- Low life-cycle costs with robust and reliable components for forecourt use
- Easy to operate for the road user
- Safe - default to safe setting



NEW! Cashless payment system option



High performance retractable hose reels



Robust & reliable compressors 5 or 10 bar



Tower Range

Key Features of Tower Range

- Electronic pre-set pressure setting
- Default to safe setting
- Audible and visual end-of-cycle signals
- Stainless steel or painted galvanized steel plain cabinets
- 30 mm LCD transfective backlit screen as standard
- Alternative tyre valve connectors available for all units (short-stem twin hold-on as standard)
- Bespoke graphical design or branded options
- Compressor options - 5.5 or 10 bar
- Payment options - Coin, Token, Cashless
- Hose options: Reels - D95-98
Coiled hose - D90-93

Key Technical Information

Complies to:
BS EN 12645:2014
Most EU National Directives (details on request)

Accuracy: To $\pm 0.5\%$ of full scale reading

Display resolution: 1 psi / 0.1 bar

Maximum inlet pressure: 232 psi / 16 bar

Maximum inflation pressure: 145 psi / 10 bar

Inflation flow: 400 l/min with 10 bar mains air supply

MULTI-FUNCTION DIGITAL FORECOURT TOWERS

PCL's "Multi" offers an opportunity for forecourts to provide a wide range of services to their customers including tyre inflation, water/screen wash, vacuum and fragrance all in one user friendly cabinet. The "Multi" is specifically designed for forecourts and commercial sites, and can be tailored to the forecourts individual requirements offering a unique cost-effective package.

Utilising a robust stainless steel cabinet as standard that can be bolted to the ground, the units can include:

- Latest air unit with digital inflation technology, touch buttons and integrated reels
- Water and screen wash unit with integrated reel
- Power vacuum for trouble-free use and fast cleaning and with its bagless technology is simple to install, use and maintain
- Fragrance module with fragrance gun and 3m armoured hose
- A range of payment methods, cashless, coin and token

All services available within the one housing ensuring the unit packs a punch while offering proportional price control between the functions allowing customers to swap during vend.



NEW PRODUCT



Multi-Function Tower Range

Key Benefits

- Cost-effective provision of range of valuable revenue generating forecourt services in one space saving unit
- Robust good-looking unit to attract customers to drive repeat business
- Customer friendly design with timers to increase market share and revenue
- Cost effective purchase and installation
- Low cost of ownership
- Bespoke options available to drive brand and revenues
- Range of payment options including cashless to suit local market

Model options

- Full Multi – Inflator, Vacuum, Screenwash (or Water), Fragrance
- Semi – Inflator, Vacuum and either Screenwash (or Water) or Fragrance
- Dual – Inflator and Vacuum
- Payment – coin, token, cashless
- Bespoke graphical design or branded options
- Compressor options - 5.5 or 10 bar

Complies to: BS EN 12645:2014
Most EU National Directives (details on request)

D30 / D31 AIR & WATER PODIUMS



The new podium style is PCL's most cost effective and space saving free standing unit to date. Built in the UK, it is designed to meet the exacting and testing demands of the modern petrol forecourt while also providing an attractive, simple and stylish appearance.

The painted casings or stainless steel options offer long life and the ability to resist the harsh environment while keeping the unit looking good. All the components from the housing through to the tyre inflator and the hoses are built for ease of use, reliability and long life.

Key Benefits of Podium Range

- PCL's most simple unit for fast, accurate, safe tyre inflation
- Space saving design
- Revenue / customer service generation opportunities
- Quick and easy installation
- Low life-cycle costs with robust and reliable components for forecourt use
- Easy to operate for the road user
- Safe - default to safe setting after use

Key Features of Podium Range

- Electronic pre-set pressure setting
- Default to safe setting
- Audible and visual end-of-cycle signals
- Painted cabinets as standard
- 30 mm LCD transfective backlit screen as standard
- Payment options - Free or Cashless payment only

Up and Over Air and Water Tower

Key Benefits

- Dual reel option for air and water with smaller footprint
- Space-saving design where space a premium
- Quick and easy installation
- Low life-cycle costs with robust and reliable components for forecourt use
- Easy to operate for the road user
- Safe - default to safe setting after use

Key Features

- Electronic pre-set pressure setting
- Touch screen buttons
- Space saving dual reel unit design
- High performance reels
- Audible and visual end-of-cycle signals
- Stainless steel or painted galvanized steel plain cabinets
- 30 mm LCD transfective backlit screen as standard
- BS EN 12645:2014
- Free vend only



High performance hose reels



Stainless steel or plain cabinets options



Dual screen with touch buttons



Wall unit option available



AutoAir II

Key Benefits

- Simple unit for fast, accurate and safe tyre inflation
- Quick and easy installation
- Low life-cycle costs with robust and reliable components for forecourt use
- Easy to operate for the road user with dual screen
- Safe - default to safe setting after use

Key Features

- Electronic pre-set pressure setting
- Touch screen buttons
- Dual Screen
- Default to safe setting
- Audible and visual end-of-cycle signals
- Thumb lock connector
- Free vend only

FREESTANDING NITROGEN AND WATER TOWERS AND PODIUMS

The increasing use of nitrogen in tyres has led PCL to develop its new Nitrogen range with the premium N90 freestanding nitrogen generation tower and the more simple N30 podium style unit. These units provide the opportunity for car users to fill / top up their tyres on the forecourt while making an additional revenue opportunity for the forecourt.

The N90 range, built in the UK, is PCL's premium forecourt freestanding N2 unit offering a range of options. The N90 offers long life and the ability to resist the harsh environment while keeping the unit looking good. The cost effective design allows ease of use to the customer driving repeat business and increasing forecourt revenue and profitability.

Key Benefits

- Fast, accurate, safe N2 tyre inflation
- Revenue / customer service generation opportunities
- Versatile and flexible with options to suit a range of market requirements
- Quick and easy installation
- Low life-cycle costs
- Easy to operate for the road user
- Safe - default to safe setting after use

Key Features

- Inflates tyres with N2 from Parker Membrane
- Electronic pre-set pressure setting
- Default to safe setting
- Audible and visual end-of-cycle signals
- Stainless steel or plain cabinets
- 30 mm LCD transfective backlit screen as standard
- Payment options - Token, Coin, Cashless
- Hose - Single or 4 Hose with water hose option
- Guaranteed accuracy with individual testing calibration certificate supplied





Nitrogen Podium

The N30 / N31 freestanding nitrogen podium is PCL's simplest Nitrogen unit for the petrol forecourt providing an attractive, space-saving and cost-effective design to serve customers, drive repeat business and increase profitability.

Key Benefits

- Fast, accurate, safe N2 tyre inflation
- PCL's most simple, space-saving and cost-effective forecourt N2 unit
- Quick and easy installation
- Low life-cycle costs
- Easy to operate for the road user
- Safe - default to safe setting after use
- Revenue / customer service generation opportunities
- Cashless payment system option

Key Features

- Inflates tyres with N2 from Parker Membrane
- Smaller cabinet size
- Electronic pre-set pressure setting
- Audible and visual end-of-cycle signals
- 30 mm LCD transfective backlit screen as standard
- Guaranteed accuracy with individual testing calibration certificate supplied
- Payment option - Cashless only
- BS EN 12645:2014

CREATE YOUR OWN

With an experienced team of design and engineering professionals at our Sheffield HQ, PCL now has the ability to create bespoke options and designs for customer specific forecourt air towers. By working with you to create a design to meet your own specific requirements, or to simply give your product corporate branding, we can proudly boast one of the best design facilities in the world.

On top of bespoke designs PCL can also create units with additional software and technological advancements to allow the operator to monitor and capture data from the machines. This can be anything from modem installation for remote monitoring to parameter adjustments and GPRS software. All in all PCL has the experience and ability to design and build anything to suit customer requirements.

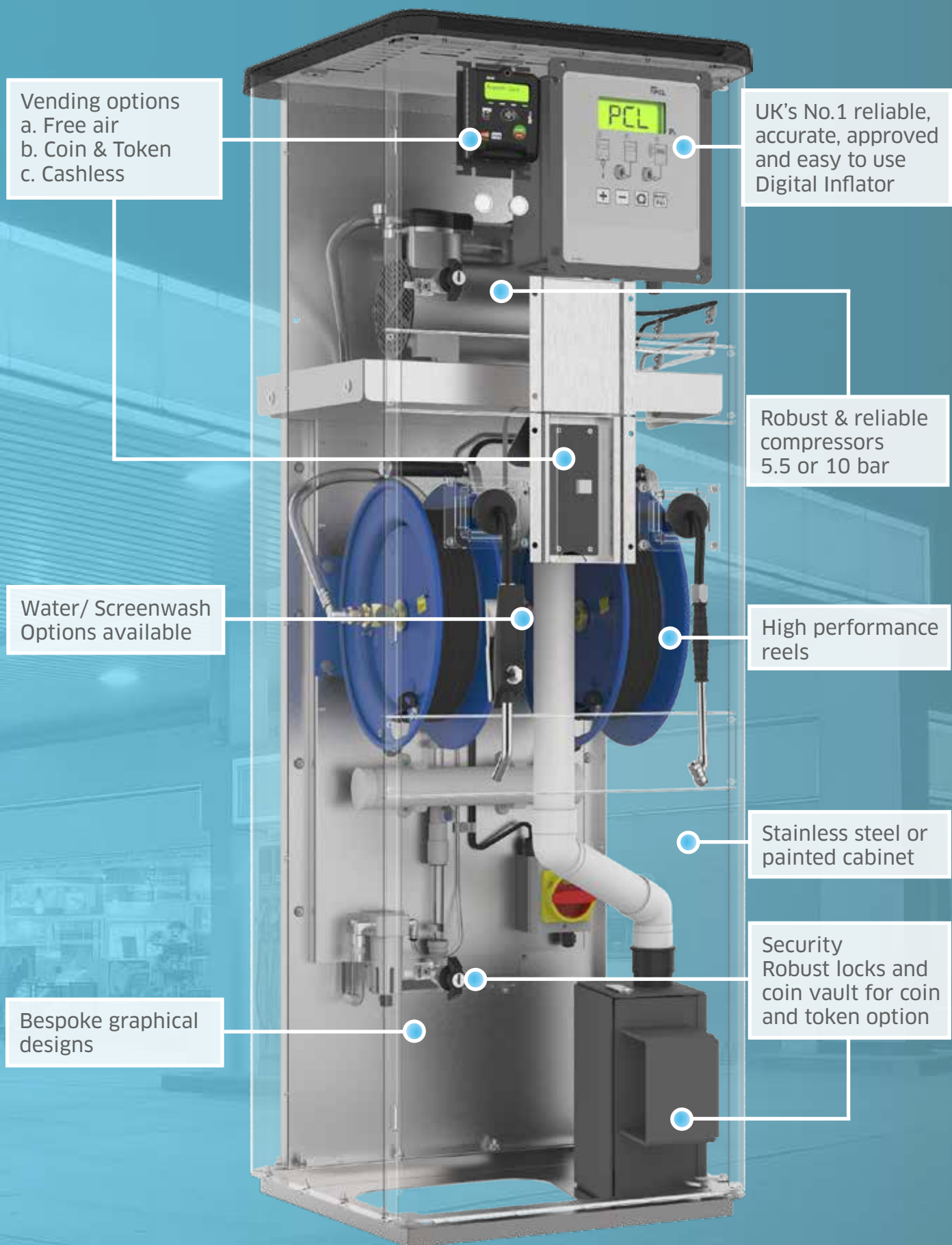
Product Options

- Futuristic designs and concepts – stand out from the crowd!
- Corporate branded, colour matched paintwork
- Multitude of configurations for internal mechanisms
- Integrated membrane Nitrogen generation systems built-in
- Payment - Coin, Token, Cashless - with or without lockable coin vault
- Hose reels
- Diesel emission fluid / AdBlue

Software Options

- Modem installation for remote system monitoring
- Internet/email GPRS data interrogation
- Coin mechanism/counter remotely monitored via modem and GPRS
- Cashless systems
- Data capture and logging
- Data transfer to remote printout
- Multi-tyre inflation systems
- Parameter and special inflation adjustments to meet bespoke applications
- Bespoke inflation systems with PC integration
- Graphical User Interface via VGA and touchscreen displays
- Nitrogen 'purge and fill' software and Nitrogen purity monitoring
- Fluid management





Vending options
a. Free air
b. Coin & Token
c. Cashless

UK's No.1 reliable,
accurate, approved
and easy to use
Digital Inflator

Robust & reliable
compressors
5.5 or 10 bar

Water/ Screenwash
Options available

High performance
reels

Stainless steel or
painted cabinet

Bespoke graphical
designs

Security
Robust locks and
coin vault for coin
and token option

ACCURA D10 TYRE INFLATORS



PCL's ACCURA D10 Tyre Inflators are trusted, reliable "menu-driven" units found on petrol forecourts throughout the world.

Suitable for petrol filling stations, the electronic pre-set units capture new digital technology in a modern, aesthetic design, offering repeatable accuracy and reduced maintenance and lifetime costs.

The easy-to-use ACCURA D10 Tyre Inflator range includes a range wall-mounted and pedestal units, and a forecourt self-contained unit with retractable air and water reels.

All use auto-start inflation and default to safe setting, and provide the user with higher safety, increased fuel economy, and extended tyre life.



D10



D20



D25

ACCURA D10 Tyre Inflator

Key Benefits

- Consistent cost effective provision of high levels of safe air inflation services
- Low life-cycle costs – long product life with robust design and proven electronics
- Low and simple maintenance with excellent diagnostics
- Customised software available to meet individual customer needs
- Bespoke graphical designs or corporate branding options available
- Guaranteed accuracy with individual testing calibration certificate supplied

Key Features

- High flow solenoid
- Electronic capacitive touch buttons
- High speed microprocessor
- Electronic pre-set pressure setting
- Full menu-driven list of options
- Auto-start inflation
- Default to safe setting
- Robust die-cast aluminium housing
- Can inflate accurately with hoses up to 50 m in length
- Comprehensive diagnostics and error reporting additional inputs/outputs for complete customisation
- Dual screen option available for digital read-out units
- 230 v, 100/120 v and 12 v versions available
- BS EN 12645:2014

ACCURA A10 TYRE INFLATORS



This ACCURA A10 Tyre Inflator unit represents all the benefits of digital technology but with the attributes of a traditional analogue display.

Suitable for petrol filling stations, the electronic pre-set units capture new digital technology in a modern, aesthetic design, offering repeatable accuracy and reduced maintenance and lifetime costs.

The easy-to-use ACCURA range includes wall-mounted and pedestal units, and a forecourt self-contained unit with retractable air and water reels.

All use auto-start inflation and default to safe setting, and provide the user with higher safety, increased fuel economy and extended tyre life.



A10



A20



A25

ACCURA A10 Tyre Inflator

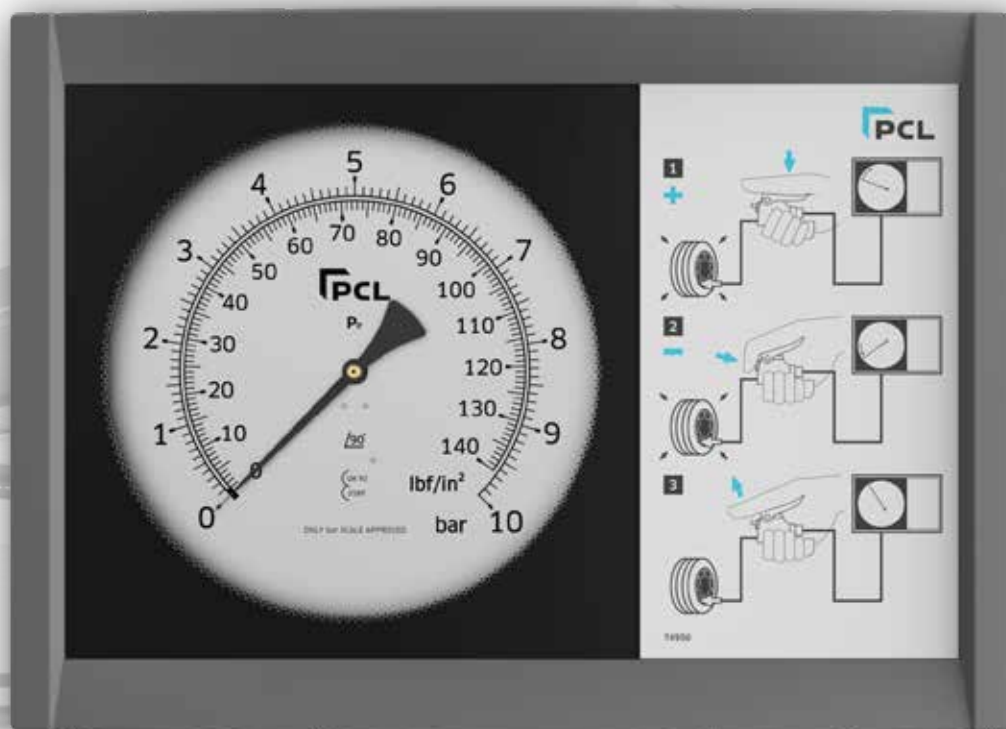
Key Benefits

- Consistent cost effective provision of high levels of safe air inflation services
- Low life-cycle costs – long product life with robust design and proven electronics
- Low and simple maintenance with excellent diagnostics
- Customised software available to meet individual customer needs
- Bespoke graphical designs or corporate branding options available
- Guaranteed accuracy with individual testing calibration certificate supplied

Key Features

- High flow solenoid
- Electronic capacitive touch buttons
- High speed microprocessor
- Full menu-driven list of options
- Auto-start inflation
- Default to safe setting
- Robust die-cast aluminium housing
- Comprehensive diagnostics and error reporting additional inputs/outputs for complete customisation
- Dual screen option available for digital read-out units
- 230 v, 100/120 v and 12 v versions available
- Can inflate accurately with hoses up to 50 m in length
- Water hose and dispenser option available

MECHANICAL INFLATION UNITS

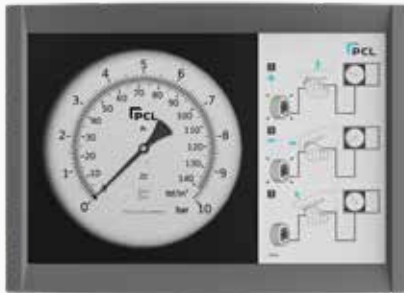


PCL's "Made in Sheffield" Wall Meters offer a simple and sturdy inflation solution for busy garage forecourts.

The PCL range of tyre inflators reflects the continual innovation provided by the company's design team – and the enduring popularity of the mechanical Wall Meter stands testament to the company's ability to make products which last.

Manufactured in Sheffield to the highest quality standards, the Wall Meter features an easy-to-read dial with clear, impact-resistant toughened glass cover, and provides a choice of calibration, and easily detachable hose.

A push-button version is available.



WM1



WM3



PM1



PM3

Wall & Post Meters

Key Benefits

- Multitude of options for ultimate flexibility
- Easy to read large dial display
- Clear impact-resistant toughened glass dial cover
- Powder coated outer casing giving a hard, durable, anti-rust finish
- Easily detachable hose
- Can inflate accurately with hoses up to 50 m

Key Features

- BS EN 12645:2014
- Auto start inflation
- Clear 200 mm metallic dial
- Default to safe setting
- Robust die-cast aluminium housing
- Wall or pedestal mounting
- Choice of connectors available
- Choice of calibrations available
- 7.6 m hose as standard

AIRFORCE® MK4 TYRE INFLATORS



The AIRFORCE® MK4 Tyre Inflator is as robust as ever and highly accurate, offering leading inflation and deflation rates and high performance for both indoor and outdoor applications. Meanwhile the redesigned piston and seal arrangement means increased accuracy - cycle tests now give over 400,000 inflation cycles at 100% accuracy - over 50% more than previously!

Key Benefits

- Clear view of pressure readings - Less mistakes
- Ergonomic, easier to use, less prone to damage when dropped
- Fast and accurate reading of results
- Less work strain and easier for repetitive use
- Longer life and improved accuracy

Key Features

- New biomorphic shape
- Simplified 2 stage mechanism
- Larger window gives 20% greater field of viewing
- Individually tested and certified against national approved gauges
- New piston and seal design

ACCURA® MK4 DIGITAL TYRE INFLATORS



The ACCURA® MK4 Digital Tyre Inflator marries the ruggedness of a metal analogue inflator with the lightness, accuracy and ease of use of a digital gauge. As robust as ever and highly accurate, offering leading inflation and deflation rates with high performance for both indoor and outdoor applications. The large size LCD, backlit screen and selectable units of pressure reading make this the most versatile digital handheld product PCL has ever launched. With a new, short slimline body design, the gauge is the lightest metal bodied gauge on the market, with a biomorphic shape to give increased comfort in use.

Key Benefits

- Long accurate life expectancy
- Easy to use with reduced fatigue
- Versatile and flexible saving time and money
- High accuracy and speed

Key Features

- Extremely robust aluminium body
- Lightweight biomorphic design
- Higher pressure range for multiple applications 4 – 250 psi range
- Permanently backlit in use
- Auto off after 25 seconds no-use
- Individually tested and certified against national approved gauges

VACUUM AND FRAGRANCE TOWER

PCL's latest "V" range of Forecourt equipment includes a new Vacuum range with both a standalone Vacuum unit and a combined Vacuum and Fragrance tower. The units incorporate the latest digital technology and are specifically designed for use on forecourts and commercial sites. The "V" range can operate by either cashless or coin or token.

Utilising a robust stainless steel cabinet as standard that can be bolted to the ground, the units include a powerful vacuum for trouble-free use and fast cleaning and with its bagless technology simple to install, use and maintain. To the vacuum unit can be added a Fragrance module featuring a fragrance gun with 3m armoured hose. The new V range rapidly enables a forecourt or commercial site to offer a highly effective service to its customer base while also offering excellent revenue-generating potential.



VACUUM AND FRAGRANCE TOWER



Vending Options
a. Free Air
b. Coin & Token
c. Cashless



Robust 5 bar Compressor
and Powerful Vacuum
Bypass Motor



Security Robust Locks
and Coin Vault for Coin
and Token Option



Key Benefits

- Robust, good looking unit to attract customers to drive repeat revenues
- Customer friendly design with clear count down timer to increase market share
- Low cost of ownership
- Bespoke options available to drive brand and revenues
- Range of payment options including cashless increasing security and lowering cash handling costs

Fragrance option

- Additional revenue opportunity

Other configurations

- Double vacuum option

Key Features

- PCL electronic controller used to manage the transaction and time
- 5m anti crush vacuum hose with crevice tool
- Removable cash box or vault
- Proportional price control
- Self-cleaning Goretex filters 98% of particles at 0.3 microns
- No paper bags required
- Removable dust bucket 15 ltr / 3.3 UK Gallons
- Available in stainless steel or painted cabinet

Fragrance option

- Display shows "VAC" or "FRA" with customer able to swap during vend and audible warning
- Easy programmable purchase price and vacuum/ fragrance time
- Robust fragrance gun, 4 m armoured hose



Easy to read in all light
30mm LCD



High quality Swiss made
sensor



PCB designed in Sheffield



Standard Digital OEM Inflation Box

As an experienced designer and manufacturer of forecourt tyre inflation solutions, PCL can build bespoke OEM inflation 'kits' where customers have their own cabinets/housings but want a reliable and highly accurate software system.

Key Features & Benefits

- Hardened plastic housing with pre-drilled mounting holes for easy fixing
- IP65 rated for indoor or outdoor use
- New electronic capacitive touch buttons
- 30 mm LCD transfective display screen for easy reading day or night

Software Options Include (But not limited to)

- Modem installation for remote system monitoring
- Internet/e-mail GPRS data interrogation
- Coin mechanism/counter remotely monitored via a modem and GPRS
- Data capture and logging
- Multi vend system (Air / Vac / Fragrance / Screenwash)
- Parameter and special inflation adjustments to meet bespoke applications
- Bespoke inflation systems with PC integration
- Data transfer to remote printout
- Graphical/user interface via VGA and touch-screen displays
- Forecourt Nitrogen purge facility integration



**- FORECOURT SOLUTIONS -
DIRECT FROM A WORLD LEADER**



ALSO AVAILABLE FROM PCL

THE FREE SPIRIT RANGE

Enhance your outdoor leisure facilities with PCL's ground-breaking, low maintenance inflation stations. Joining the existing Sports Ball Inflation Station, the range now includes the Digital Bicycle Inflation & Repair Station, and the UK's first ever SUP (Stand Up Paddleboarding) Inflation Station, launched in partnership with leading SUP brand Red Paddle Co.



- **Easy to use**
Simply place the connector onto the valve, set the desired pressure and the unit does the hard work of inflating the sports equipment
- **Revenue generation**
Available with card payment facilities for revenue generation - average payback within 12 months
- **Increase retention**
Free vend option allows facilities to offer a complimentary inflation service to build customer loyalty or as a membership benefit
- **No need for an air supply**
The self-contained unit features a powerful on-board compressor



DIGITAL BICYCLE INFLATION & REPAIR STATION

- Helps increase efficiency and reduce tyre wear for users - but more importantly, keeps them safely on the road
- Free vend or revenue generation options available including card or cash payments
- Ideal solution for councils and facilities managers to install in public outdoor areas
- Easy to use with self-explanatory instructions
- Convenient sidebars to securely hold the heaviest and lightest bicycles in position for repairs
- Multi tools available for unexpected repairs
- Heavy duty Schrader with Presta tyre valve connector
- Flow reducers in place for ultimate safety
- 240V power connection



DIGITAL SUP INFLATION STATION

- Saves paddleboarders considerable effort, leaving them fresh and full of energy to get safely out on the water
- Capable of inflating a standard, 3-metre-long paddleboard to 15 psi in under 5 minutes
- Free vend or revenue generation options available including card payments
- Ideal solution for water sport centres, local authorities, land owners and facilities managers to install at SUP launch locations
- Easy to use with self-explanatory instructions
- Heavy duty SUP valve connector
- 240V power connection

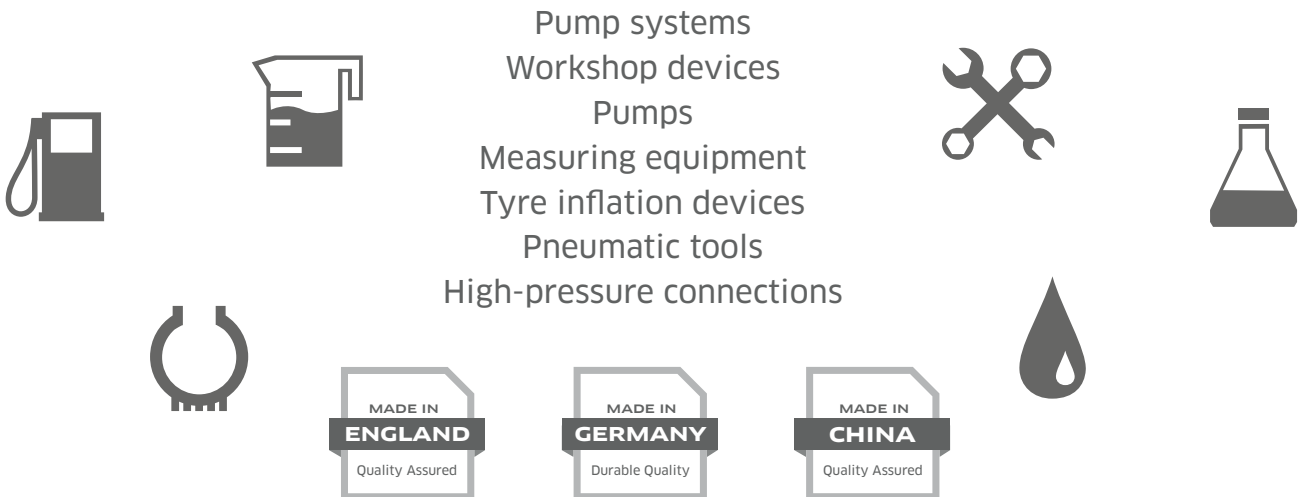


Contact our inflation specialists to find out more

HORNGROUP



HORNGROUP's range of products and services focuses on the following areas:



All orders are subject to our standard terms and conditions – available on request. In line with our continuous improvement programme, we reserve the right to amend or revise the specification of our products without prior notice. Published December 2023. E. & O.E.

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A **HORNGROUP** BRAND