



# PROCESS CONTROL EQUIPMENT

Valve and automation experts



Company Overview



20411

**Founded in 1980,  
PCE is amongst the  
largest, independently  
owned stockists  
and distributors of  
valves, actuators,  
instrumentation and  
automation packages  
across the UK and  
Europe.**

With worldwide sourcing and distribution agreements. PCE are able to provide quality products and our proven commitment to stockholding allows our customers to enjoy competitive pricing and real availability.

Our aim is to develop long-term relationships with our customers to gain a better understanding of their operational requirements.

At PCE we are proud of our reputation for reliability and attention to detail, working with customers to deliver cost effective solutions.





**In a competitive world, any number of companies can supply valves, actuators, and instrumentation. At PCE we understand the cost and pressure caused by downtime or limited working.**

For many customers, even those hundreds of miles away, we are the local supplier sourcing the best products at the right price. It is a status we are proud to maintain and proves that it is possible to build a significant business yet retain the personal touch.





**At PCE we supply manual valves, actuated valves and a full range of instrumentation tube, fittings and accessories from stock.**

We also specialise in bulk project orders where our attention to detail ensures on time delivery with first class document control. Our stringent QA system eliminates any potential issues for our clients and removes the risk of downtime.

Since our foundation we have never lost sight of the fact that it is our service and commitment to customers which distinguishes us from our competitors.

The loyalty and dedication of our team is a key driving force to our business. Highly skilled and experienced, many of our team members have been with the company since its infancy.

Our automation experts provide quality products; the right valve, with the right actuator, ensuring one point of responsibility.



**PCE has grown organically into an internationally recognised distributor to the chemical, petrochemical, oil and gas, power, refining, water, pulp and paper, pharmaceutical, and food and beverage industries.**



PCE stocks and supplies an extensive range of products and services for a number of industries from oil and gas to pharmaceutical. Our industry experts offer in depth advice on the best products for your industry applications.



We continue to assess our current customers and wider market requirements committing to provide each industry with the best possible solution.



**We run state-of-the-art in house testing with our own pressure test equipment where we can test valves up to 1500lb. We also operate our own in-house valve modification shop for quick turn-around requirements. PCE has six fully operational valve automation centres where we have been actuating valves for over 30 years.**



#### Testing Capabilities

- Pneumatic testing
- Hydro-static testing
- Nitrogen testing (high and low pressure)
- PMI (positive material identification)
- Valve packing and gasket changes
- Valve automation
- Valve extensions
- Valve ends machined - SW/NPT - General end/RF
- General end/ RTJ
- Gear boxes fitted
- Chain wheels fitted
- Valves degreased for oxygen
- Radiography
- Dye penetration testing
- Magnetic particle inspection
- Butt weld schedule machine



**Our valve core product lines include gate, globe, check, ball, and triple offset butterfly valves all held in a wide variety of materials and sizes.**



## Floating ball valves

Reduced bore and full-bore valves with one, two or three piece construction, straight through and three way design. (L-port and T-port) DN15 - DN300

### Class

PN16-PN100 flanged DIN EN 1092-1, welded ends and screwed

### Materials

1.0460, 1.0619, 1.6220, 1.4408, Monel, Hastelloy, Alloy 20, Duplex & Super Duplex

### Seats

Virgin PTFE, Glass reinforced PTFE, Peek and Carbon-filled Graphite

### Test

BS6755 Part 1, BS6755 Part 2 and DIN3230, AD2000



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## Trunnion mount ball valves

Reduced bore and full-bore trunnion mount ball valves, double block and bleed, three piece construction. DN25 - DN600

### Class

PN16-PN100 flanged DIN EN 1092-1, welded ends and screwed

### Materials

1.0460, 1.0619, 1.6220, 1.4408, Monel, Hastelloy, Alloy 20, Duplex & Super Duplex

### Seats

Reinforced PTFE, Peek, Nylon and Kel-F

### Design

API 6D, BS5351, ANSI, B16.34

### Test

API 6FS & BS6755 part 2 (equivalent to API 607), AD2000



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## Cast steel gate, globe and check valves

Gate, globe and check valves, outside screw and yoke, bolted bonnet, rising stem. DN50 - DN600

### Class

PN16-40, PN63-PN100, PN160, flanged DIN EN 1092-1, welded ends

### Materials

1.0619, 1.6220, 1.7357, 1.7379, 1.7365, 1.7386

### Design

Gate valves BS1414, API 600, ANSI B16.34

Globe valves BS1873, ANSI B16.34

Swing check valves BS1868 ANSI B16.34

### Test

BS6755 Part 1 and API 598, AD2000



## Forged steel gate, globe, and check valves

Gate, globe, piston check, ball check and swing check valves.  
Dn8 - DN 50

**Class**  
PN16-PN100 flanged DIN EN 1092-1, welded ends and screwed

**Materials**  
1.0460, 1.0566, 1.5415, 1.7362, 1.7335, 1.4401, 1.4404, 1.4541

**Design**  
API 602, BS5352, ANSI B16.25 ANSI B1.20.1

**Test**  
BS6755 Part 1 and API 598, AD2000



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## Cast stainless steel gate, globe and check valves

Gate, globe and swing check valves 1/2"-24".  
DN8 - DN50

**Class**  
PN16-40, PN63-PN100, PN160, flanged DIN EN 1092-1, welded ends

**Materials**  
1.4408, 1.4410, CF3, CF8C, C8 & Inconel

**Design**  
API 600, API 603, ANSI B16.10 ANSI 16.34 and ANSI B16.5 RF

**Test**  
BS6755 Part 1 and API 598, AD2000



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## Dual plate check valves

Dual plate check valves wafer pattern, lugged and flanged.  
Dn50 - DN900

**Class**  
PN10 – PN40

**Materials**  
1.0619, 1.4408, Duplex, Super Duplex, Monel & Hastelloy

**Design**  
Metal, PTFE, Buna, Viton

**Test/ Design**  
ANSI B16.34 and API 594, AD2000



## Metal and graphite seated ball valves

Ball valve full bore 2-piece body.  
DN15 - DN300

### Class

PN10 – PN100 flanged DIN EN 1092-1, welded ends

### Materials

1.0619, 1.4408

### Seats

#### Metal seats

Hard faced with Ni Cr alloy type 316 and Inconel X-750 seat spring  
Ideally suited to highly abrasive surfaces

#### Graphite seats

Hard graphite with stainless steel retainer rings and flexible  
graphite gaskets

Recommended for low abrasive surfaces

### Design

ANSI B16.34, ANSI B16.10, ANSI B16.5, AD2000

Maximum temperature 450°C



## Butterfly valves

Butterfly valves wafer pattern, lugged, fully lugged, double flanged and high performance  
(double and triple offset disc)  
DN50 - DN10000

### Class

PN10 – PN40

### Materials

Cast iron, ductile iron, WCB, CF8M, low alloy and  
aluminum bronze

### Design

BS5155 API 609 DIN3202K1, AD2000

Fire safe available on high performance butterfly valves



## Actuation

### Pneumatic

Scotch yoke, rack and pinion, and linear actuators, double  
acting and spring return

### Electric

Multi turn and quarter turn AC and DC voltage,  
weatherproof, explosion proof and fire safe etc

### Gear boxes

Quarter turn and multi-turn

### Chain wheels

Safety chain wheels and hammer blow chain wheels



## Accessories

Switch boxes  
Solenoid valves  
Filter valves  
Filter regulators  
Positioners  
Quick exhaust valves  
De-clutchable gear operators



## Special applications

- Garlock EVSP 9000 packing
- Jacketed valves
- By-passes
- Bellow sealed gate and globe valves
- Valves cleaned for oxygen
- Chain wheels
- Cryogenic valves
- Trim changes
- Interlocks
- Gear operators
- Extended bonnets

## Also available

- Diaphragm valves
- Parallel slide valves
- Hygienic valves
- Single and dual plate wafer pattern check valves
- Brass, carbon steel and stainless steel non fire safe ball valves
- A full range of instrument tubing
- Stainless steel twin ferrule fittings
- Manifolds
- Air distribution manifolds
- Gauges
- Solenoid valves
- Brass compression fittings
- Instrument enclosures



# Sales, Stocking and Automation Centres

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