

# PGS Pump Series

## Hand held pressure generation systems



The Eurotron PGS pump series are a remarkable new range of hand pump for generating vacuum, gas and hydraulic pressure from a few mbar up to 700 bar. Those pump are the ideal tool for applying test pressure to sensors, gauges, pressure switches and any pressure device. They are low cost solution for field and workshop and are supplied with the wide range of Eurotron digital pressure indicator or as OEM application. These pumps

- Calibrate pressure device
- 3 separate models
- Range from Vacuum to 700 bar
- Extended kit solutions to suits different needs

### PGS 40 PNEUMATIC TEST PUMP

PGS-40 pressure pneumatic hand pump is fully portable, easy to use and generate pneumatic pressure up to 40 bar, when used together with pressure indicators. It's an ideal tool for test & calibration of pressure transmitters, pressure switches, pressure gauges and general pressure devices.

### PGS 700 HYDRAULIC TEST PUMP

PGS 700 hydraulic pressure hand pump is fully portable, easy to use and generate pressure up to 700 bar, when used together with pressure indicators. It's an ideal tool for test & calibration of pressure transmitters, pressure switches, pressure gauges and general pressure devices.

### PGS 3 LOW PRESSURE TEST PUMP

PGS 3 pressure pneumatic hand pump is fully portable, easy to use and generate pneumatic pressure up to 3 bar. When used together with a pressure indicators, it's an ideal tool for test & calibration of pressure transmitters, pressure switches, pressure gauges and general pressure devices.

### FEATURES

	PGS-3	PGS-40	PGS-700
Pneumatic pressure capability	•	•	
Vacuum capability	•	•	
Hydraulic capability			•
Integral fine control for accurate set point	•	•	•
adjustable stroke for over pressure safety	•	•	•
Controlled pressure relief valve	•	•	•
Priming operation			•
Fluid compatible			•
Scissor action pump	•	•	•

### SPECIFICATIONS

Parameter	PGS-3	PGS-40	PGS-700
Pressure Range	0-3 bar	0-40 bar	0-700 bar
Vacuum Range	0-90 %	0-96%	n/a
Pressure media	gas	gas	Liquid
Fine Adjustment	0.1mbar	1 mbar	10-100 mbar
Pressure connection	1/4" BSP (F)	1/4" BSP (F)	1/4 BSP(F)
Pressure connection	1/4" BSP (F)	3/8 BSP (F)	3/8 BSP (F)
Hose extension	2x 1mt	1x1mt	1x1mt
Weight	587 g	510 g	1.6 Kg
Dimensions (mm)	170 x 46	220 x 105 x 63	236 x 176 x 70

Specification are based on minimum volume.

### HYDRAULIC TEST KITS

#### PGS 700-H-BSP

A complete hydraulic kit includes PGS 700 pump, PGS BSP-700 adaptor, HTH-1000 hose, robust transit case with customised foam insert



#### PGS 700-AK-BSP

- PGS 700 pressure pump
- PGS 700-BSP adaptor set
- PGS 700-HK 1000 high pressure hose
- PGS-MANO analogue gauge
- A set of seals
- Transit carrying case

Please specify PGS-MANO pressure range.

#### G10 Reference analogue gauge

- DN 150 mm
- Accuracy 0.5% FS
- Range available:
  - 0 - 150 bar / 0 - 2100 psi
  - 0 - 350 bar / 0 - 5000 psi
  - 0 - 400 bar / 0 - 6000 psi
  - 0 - 700 bar / 0 - 10,000 psi



### PNEUMATIC TEST KITS

#### PGS 40-P-BSP

A complete kit includes PGS 40 pump, PGS 40-BSP adaptor, robust transit case with customised foam insert



#### PGS 40-AK-BSP

- PGS 40 pressure/vacuum pump
- PGS 40-BSP adaptor set
- G10 analogue gauge
- A set of seals
- Transit carrying case

Please specify G10 pressure range.

#### G10 Reference analogue gauge

- DN 63 mm
- Accuracy 1% FS
- Dual scale in bar and psi
- Range available:
  - 0 - 2 bar / 0 - 30 psi
  - 0 - 11 bar / 0 - 160 psi
  - 0 - 25 bar / 0 - 365 psi
  - 0 - 40 bar / 0 - 600 psi
  - 1/0 bar and -30/0 inHg



### Pressure test pumps

**PGS-3 OEM** comes with two of 1 meter test hoses with 1/4 BSP (F) connection

**PGS-40 OEM** comes with 1 meter test hose with 1/4 BSP female connection

**PGS-700 OEM** comes with 3/8 BSP blank off connection to suit HTH-1000 pressure hose

### Accessories

#### PGS-BSP-3/40/700

A set of stainless steel BSP test point adaptor:

- 1/4" BSP male to 1/8", 3/8" and 1/2" BSP female

#### HTH-1000

1 m length of high pressure self-sealing flexible hose rated to 1000 bar supplied with 1/4" BSP female adaptor

### Ordering Information

PGS-3-OEM pump only

PGS-40-OEM pump only

PGS-700-OEM pump only

When ordering kits or accessories please state the code in bold type i.e PGS-700-AK-BSP. Gauge pressure range need to be specified