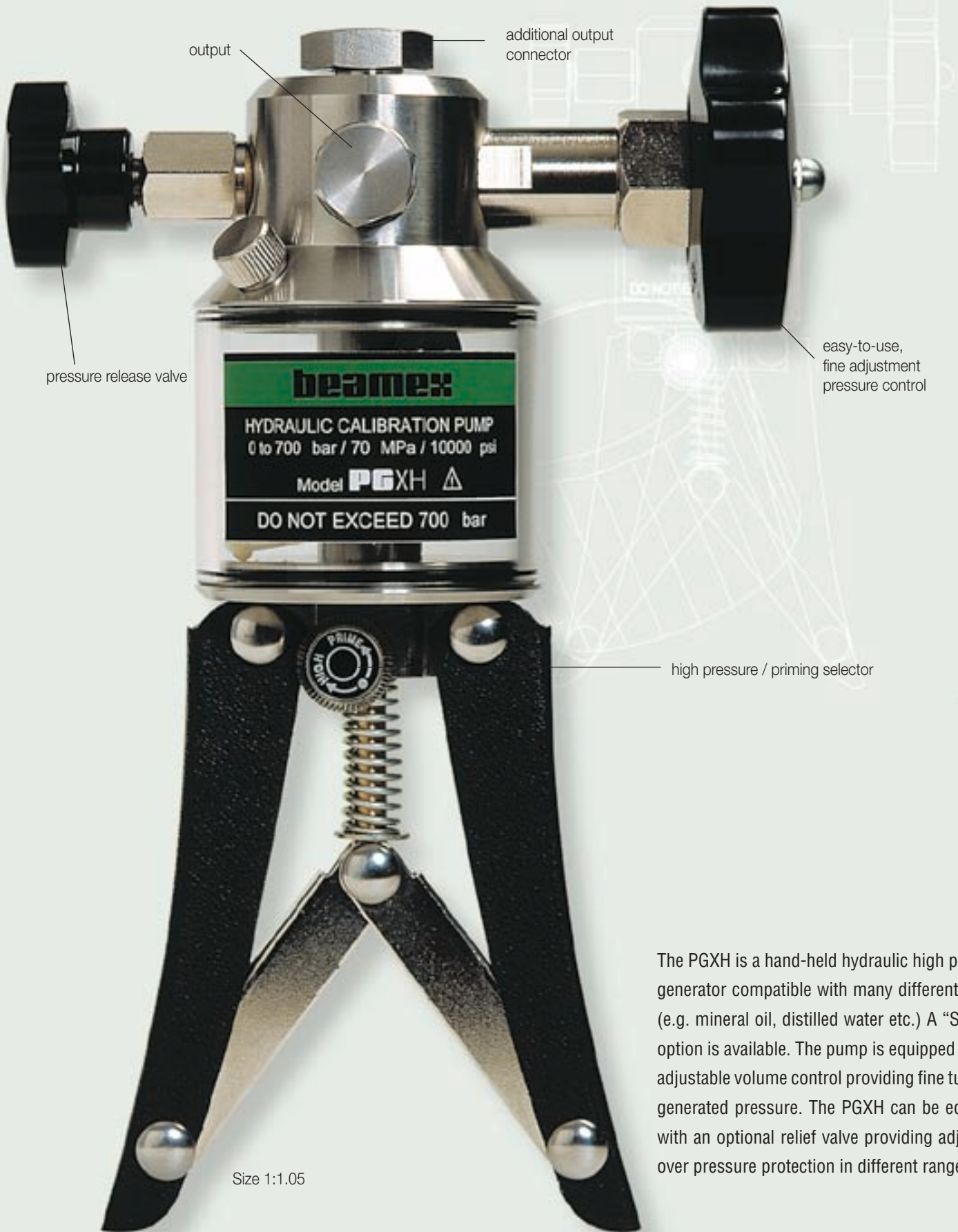


# PG

## *Calibration Pumps*



**beamex**



output

additional output connector

pressure release valve

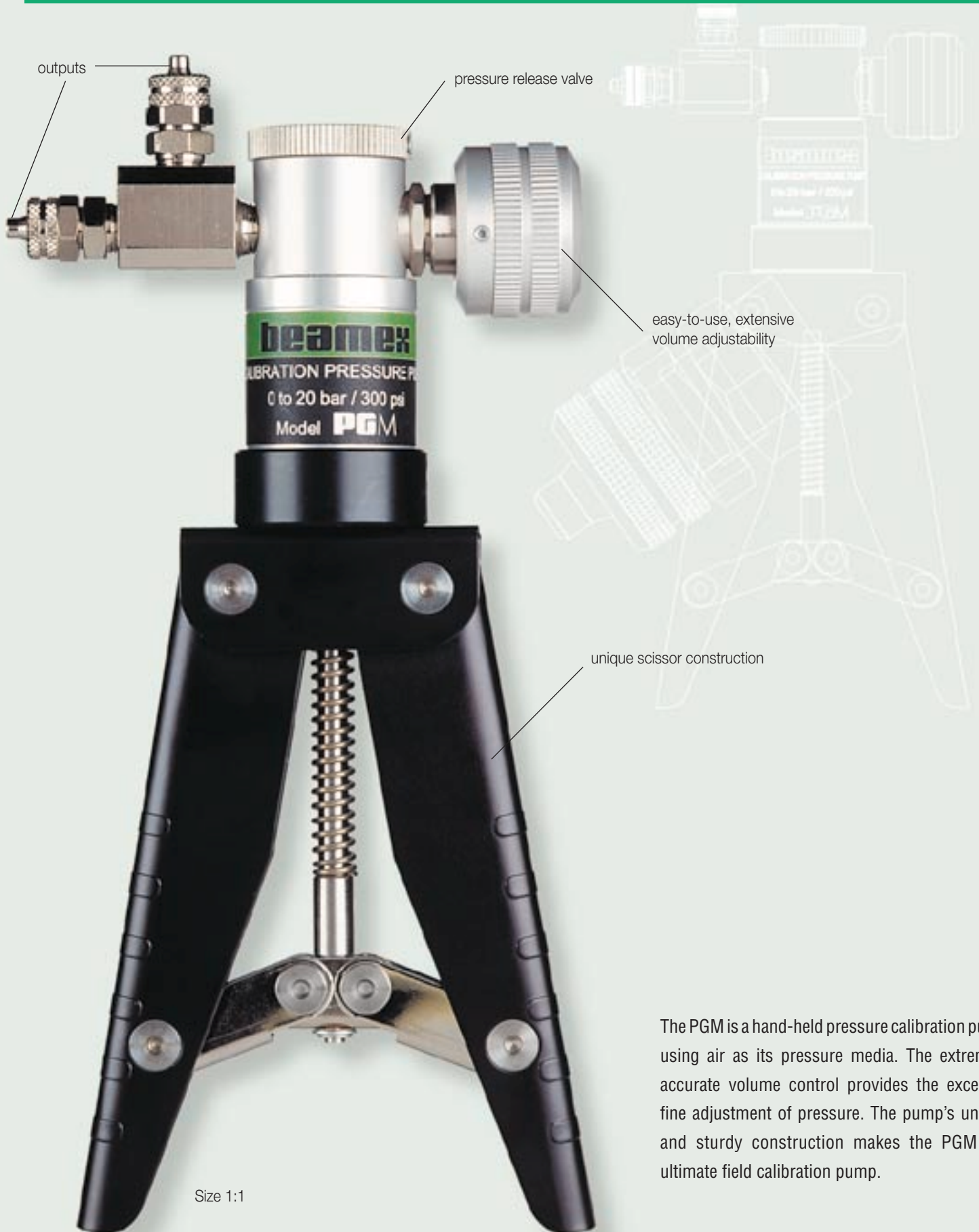
easy-to-use, fine adjustment pressure control

high pressure / priming selector

Size 1:1.05

The PGXH is a hand-held hydraulic high pressure generator compatible with many different liquids (e.g. mineral oil, distilled water etc.) A "Skydrol" option is available. The pump is equipped with an adjustable volume control providing fine tuning of generated pressure. The PGXH can be equipped with an optional relief valve providing adjustable over pressure protection in different ranges.

# PGM PRESSURE GENERATOR HIGH 0...20 BAR / 0...300 PSI



Size 1:1

The PGM is a hand-held pressure calibration pump using air as its pressure media. The extremely accurate volume control provides the excellent fine adjustment of pressure. The pump's unique and sturdy construction makes the PGM the ultimate field calibration pump.

# PGV VACUUM GENERATOR 0...-0.95 BAR / 0...-13.7 PSI



The PGV is a new highly efficient vacuum pump generating vacuum quickly using a pulling action. The extensive volume control provides fine adjustment of generated vacuum. The compact, sturdy and lightweight construction is designed for use in tough field environments.

## TECHNICAL SPECIFICATIONS & ACCESSORIES

### PGXH

**Output pressure:** 0...700 bar / 0...10 000 psi

**Pressure media:** mineral oil, distilled water  
also "Skydrol" option available

**Outlet threads:** G 3/8" female (ISO228/1)  
G 1/4" female (with adaptor)

**Dimensions:** 236 mm x 159 mm x 70 mm  
9.29" x 6.26" x 2.76"

**Weight:** 1.6 kg / 3.53 lb

**Accessories:**

**Standard:**

- carrying case
- high pressure hose with 1/4" NPT and G 1/4" male connectors



**Optional:**

- relief valve

### PGM

**Output pressure:** 0...20 bar / 0...300 psi

**Pressure media:** air

**Outlet connector:** 2 \* 1/8" NPT female

**Dimensions:** 223 mm x 96 mm x 38 mm  
8.78" x 3.78" x 1.5"

**Weight:** 400 g / 0.9 lb

**Accessories:**

**Standard:**

- service seal kit
- opening tool
- output adapters:
  - G 1/8" male 60° int. cone
  - 2 \* connector for 1/8" ID hose
  - 2 \* connector for 1/8" ID / 1/4" OD hose with nut
  - plug



**Optional:**

- carrying case
- T-tubing set with connectors
- Hose 1.5 m

### PGV

**Output pressure:** 0...-0.95 bar / 0...-13.7 psi

**Pressure media:** air

**Outlet connector:** G 1/8" male 60° int. cone

**Dimensions:**

diameter	35 mm
	1.38"
length, min	230 mm
	9.06"
length, max	322 mm
	12.68"

**Weight:** 340 g / 0.75 lb

**Accessories:**

**Standard:**

- service seal kit
- opening tool
- R 1/8" 60° female to 1/4 NPT male for connecting the pressure measurement hose to the instrument to be calibrated.
- pressure hose 0.75 m / 2'5 1/2" with R 1/8" 60° male connector at both ends



**Optional:**

- carrying case
- T-tubing set with connectors
- 1.5 m / 4.9" hose

NOTE: For special accessories please contact your local Beamex representative.

# QCAL® CALIBRATION SYSTEM



## MC5 Multifunction Calibrator

The PG series of hand pumps are ideal pressure/vacuum generators to be used as accessories with Beamex range of field portable pressure/electrical calibrators.

MC5 is a modular ALL-IN-ONE documenting multifunction calibrator. Within its compact and ergonomic case, MC5 provides calibration capability for pressure, temperature, electrical and frequency signals (including pulses). Therefore, MC5 offers calibration capability for virtually all types of process and other instruments.

MC5 covers pressure range from -1 to 1000 bar/-14.5 to 14500 psi with excellent measurement uncertainty.

## QCAL® System

The QCAL® System is a complete calibration system comprising calibration database software portable calibrators and calibration bench systems. The



QCAL® System performs both manual and automatic calibration according to given procedures providing complete documentation of results.

## MEMBER OF THE QCAL® FAMILY



Portable Calibrators

Calibration Database Software  
(QM6 or QD3)

Workshop Range

### Oy Beamex Ab

P.O. Box 5  
FIN-68601 PIETARSAARI  
Finland  
Phone +358 6 784 0111  
Fax +358 6 784 0404  
E-mail sales@beamex.com  
Internet www.beamex.com

### Beamex Inc.

2270 Northwest Parkway  
Suite 185  
Marietta, GA 30067, USA  
Phone (770) 951-1927  
(800) 888-9892  
Fax (770) 951-1928  
E-mail beamex.inc@beamex.com

### Beamex Ltd.

Highcliffe Road  
Hamilton Industrial Park  
Leicester LE5 1TY, UK  
Phone (0116) 246 1635  
Fax (0116) 276 1874  
E-mail beamex.ltd@beamex.com

