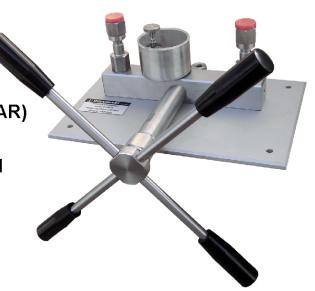


# INDUMART Canada PRESSURE COMPARATOR

## MODEL: PCM800

> PRESSURE UP TO 20,000 PSI (1400 BAR)

- > QUICK PRIMING OF LARGE VOLUME
- > SPEEDS UP PRESSURE GENERATION
- > PORTABLE OR BENCH MOUNTED
- > SEALED CONSTRUCTION
- > OIL/WATER SEPARATOR (OPTION)
- > DIRT/MOISTURE TRAP (OPTION)



#### INTRODUCTION

The PCM800 Series Pressure Comparators are used to check accuracy of pressure instruments against a reference pressure measuring instrument (test gauge). The sealed construction of the PCM800 assures grate pressure stability, and prevents any leaks. They might be used in the field (portable) or mounted on a bench for laboratory applications. The PCM800 Series are available in two models; PCM810 for up to 10,000 psi (700 bar) pressure generation, and PCM820 for up to 20,000 psi (1400 bar) for higher pressure generation.

An advantage of PCM800 Series pressure comparators is being equipped with a priming system. This will expedite air exhaustion from the pressure instrument connected to the pump and causes faster and more accurate operation.

A set of NPT and BSP adaptors, an angle adaptor for back connection gauges and a bottle of oil are standard accessories of PCM800 Series comparators.

The PCM800 can be combined with an Indumart PCA870 pressure calibrator or with a DG50 digital test gauge to form a complete pressure calibration system.

Comparator Pumps are available for up to 100,000 psi (7000 bar).

#### **SPECIFICATIONS**

Output Pressure PCM810 model:

Up to 10,000 psi (700 bar)

PCM820 model:

Up to 20,000 psi (1400 bar)

Pressure Media Mineral based hydraulic oil and

water; for other fluids, please

consult Indumart

**Pressure Ports** 2 x %" male left

Accessories 1/2", 3/8", 1/4" & 1/8" NPT and BSP

female adaptors, angle connector,

dust cover, container of oil

**Bottom Plate** Aluminum with 4 mounting holes

for bench mounting

Reservoir 200 ml, stainless steel **Wetted Parts** Internal of stainless steel

Seals Nitryl and viton

Press. Adaptors Brass

**Dimensions** 300 x 200 x 180 mm (W x D x H)

### OPTIONAL ACCESSORIES

The PCM800 can be combined with the followings to form a complete pressure calibration system.

- 1) Indumart PCA870 Pressure Calibrator,
- 2) Indumart DG50 digital Test Gauge,
- 3) Indumart P52 Series Test Pressure Gauge.

#### OTHER OPTIONAL FEATURES

- A) Dirt/moisture Trap.
- B) Oil/water Separator

