



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 3/8" 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

