



# Calibration Hand Pump

**(LOW PRESSURE & VACUUM)**

**Model: HCA870/L**

- **PRESSURE UP TO 45 PSI (3,000 mBAR)**
- **VACUUM UP TO -12.5 PSI (-850 mBAR)**
- **FINE ADJUSTMENT BETTER THAN 0.0015 PSI**
- **OVER PRESSURE PROTECTION**
- **TWO PORTS**
- **FLEXIBLE HOSE**
- **CARRYING CASE**



## INTRODUCTION

Indumart HCA870/L Hand Pump produces stable negative and positive pressures and is used for high sensitivity pressure calibration applications. This precision instrument has a fine pressure adjustment better than 0.0015 psi or 0.1 mbar.

To safeguard the instrument under test, the pump is equipped with an adjustable pressure relief system to limit the maximum pressure produced by the hand pump and to prevent the items under test from over pressure damages.

The HCA870/L is supplied in a high quality carrying case along with a flexible hose and provisions for additional instruments. Precision test gauges Series DG50 may also be ordered to create a complete pressure calibration system.

## SPECIFICATIONS

<b>Output Pressure</b>	Up to 45 psig (3,000 mbar)
<b>Output Vacuum</b>	Up to 27 inHg (-900 mbar)
<b>Pressure Connection</b>	1/4" NPT
<b>Material</b>	Bright nickel plated brass, Clear anodized aluminum
<b>Adjustment</b>	Fine adjustment valves
<b>Dimensions</b>	150 mm (height), 46 mm (dia.)

Other Models of Hand pumps Available are:

HCA870/PH for up to 600 psi  
HCA870/HH for up to 15,000 psi

