

# Combined Vacuum & Pressure Hand Pump

Pneumatic

PHP 60

Handheld/Table-top

*Ideal tool for checking & Calibration of Pneumatic Digital Indicators, Manometers, Pressure Transducers / Transmitters, Pneumatic Loops etc.*

*Generates (Pneumatic) Pressure / Vacuum thro' convenient Scissor action / minimum effort, Fine Adjustment Vernier.*

## SALIENT FEATURES

- Compact, Light Weight, Hand Operated
- Combined Vacuum & Pressure Pump with Pressure/Vacuum Changeover option
- Fine Adjustment Vernier to realize upto 1 mbar Resolution/Sensitivity
- Very Low Leakage rate
- Flexible Nylon Hose (1 Meter) with Swivel Adaptor to connect devices under test

## SPECIFICATIONS

Range	-0.9 bar Vacuum to 60 bar Pressure
Medium	Air
Sensitivity / Resolution	Upto 1 mbar
Gauge / Indicator Connection Port	3/8" (F) BSP
Test Connection Port	1/4" (F) BSP
Instrument Dimension	240 x 160 x 65 mm (H x W x D)
Instrument Weight (approx.)	1 Kg

## STANDARD INCLUSIONS

- Basic Pump
- Nylon Hose (1 Meter)
- Set of Seals
- Conformance Certificate
- Instruction Manual

## OPTIONAL (ADD-ON) ITEMS

- Carrying Case (Soft)
- Analog / Digital Pressure Gauges
- Quick Connector
- Spare Seals Kit
- Set of Adaptors
  - 1/8" BSP(F) X 1/4" BSP (M)
  - 1/2" BSP(F) X 1/4" BSP (M)
  - 3/8" BSP(F) X 1/4" BSP (M)
  - 1/8" NPT(F) X 1/4" BSP (M)
  - 1/4" NPT(F) X 1/4" BSP (M)
  - 1/2" NPT(F) X 1/4" BSP (M)
  - 3/8" NPT(F) X 1/4" BSP (M)



Typical Photo; Final Product look may vary



Protek Metrology Measurements Pte Ltd

TESTING & CALIBRATION, SALES & REPAIR SERVICES AND RENTAL SERVICE OF  
ELECTRICAL | THERMAL | PRESSURE | TORQUE | DIMENSIONAL | GAS METERS