

# CONST 117 Portable Pneumatic Pump



(-14psi-600psi)

## DESCRIPTION

CONST117 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure either 95% vacuum or 600 psi (40 bar). A high-quality screw press is designed for fine pressure adjustment, with adjusting resolution up to 10 Pa (0.1 mbar). A specially designed shut-off valve makes the pressure stability as high as possible during calibration. A built-in gas-liquid isolator protects the pump from moisture and dirt to minimize the maintenance. Two finger-tight connectors installed on the pump allow the user using fingers to connect and disconnect the reference gauge and devices under test quickly and easily without the need for PTFE tape or wrenches.

## FEATURES

- > Portable  
Only 6.6 lb
- > High resolution
  - 10 Pa (0.1 mbar)
  - High-quality screw press for fine pressure adjustment
- > Great Stability  
A specially designed shut-off valve makes the pressure stability as high as possible during calibration
- > Durable and Minimal Maintenance  
Built-in gas-liquid isolator protects the pump from moisture and dirt

### > Easy-to-use

Pressure could be set and adjusted precisely and quickly through a simple turn of the handle

### > Finger-tight Connectors

Using your fingers to connect and disconnect gauges quickly and easily without the need for PTFE tape or wrenches

## APPLICATIONS

The CONST117 is an ideal comparison test pump for pressure instruments calibration.

## SPECIFICATION

### > Media

Media.....Air

### > Pressure

Vacuum Pressure.....-14 psi

Positive Pressure.....600 psi

Pressure resolution.....10Pa(0.1 mbar)

### > Material

Ram/Adapters.....SST

Body.....SST/Aluminum

Seals.....Buna N (nitrile)

### > Dimensions

Height (overall).....140 mm (5.5")

Base.....315 mm (12.4") x 198 mm (7.8")

Weight.....2.7 kg (6.0 lb)

## ORDERING INFORMATION

CONST117 --- M

Model

Pressure port type:

M- M20X1.5 Female

N- 1/4NPT Female

X- other Female connector