

JAPSIN INSTRUMENTATION



ISO 9001:2015 CERTIFIED ORGANISATION
COMPLETE RANGE OF FLOW, LEVEL,
TEMPERATURE & PRESSURE INSTRUMENTS



MANUAL

LOW PRESSURE & VACCUM PUMP



PRINCIPLE

It is a screw type pump used to Measure Low Pressure or Vacuum. It has got two main parts One Cylinder and A piston with Pushing Screw and Rotating Knob (4)
When we Rotate the Knob in the Clock wise Direction Pressure Increases and if was Rotate the Knob in the Anti Clock wise Direction Minus Pressure / Vaccum Develops

PROCEDURE

To Generate Pressure Rotate The Knob in the Anti Clock Direction until full Thread of the Piston Push Rod Appears Outside the Cylinder. Put the Master Instrument at Position

- (1) And put the Instrument To be Calibration at Position
- (2) Using the Extension Cable Provided. Close the Release Valve
- (3) And Start Rotating the Knob in the Clock wise Direction unit you reach the Required Pressure To Measure Vacuum Keep the Release Valve Open and Rotate the Knob in the Clock wise direction Until the full Length of the Piston push Rod in side the Cylinder. Put the Master Instrument And the Instrument to be Tested at the Appropriate Positions close the Release Valve and Rotate the knob in the anti Clock wise Direction Until you Required the Vacuum.