

1/4" - 3"
O.D.



Features :

- Single tool for testing multiple sizes of tubes.
- Easy to read Vacuum gauge.
- Smooth and quiet operation.
- Light weight and user friendly.

Working

- **Pneumatic Vacuum Leak Detector** is the effective and the fast method of testing metal tubes used in Heat Exchanger Condensers Boiler etc.
- Very user friendly operation. Just read the operation manual and in couple of minutes you are ready to use the tool. No special training or expertise are required.
- Simple working principal -Suck air and create a vacuum inside the tube. Vacuum is indicated by the reading on the gauge.
- If the tube is leak it will suck air back into the tube and thus the vacuum will drop. This drop will be indicated by the gauge.
- If the tube has no leakage the reading on the gauge will be steady.

Specification:

- Tube Range - 1/4" (6.3mm) to 3" (76.2mm)
- Air Pressure required - 90 psi (6.0 bar)
- Air Consumption - 26cfm (720 LPM)
- Net Weight - 2 kg

Tube Seals Available :

Part No	Tube OD Size
P-760	1/4" (6.3mm) - 3/4" (19.5mm)
P-760	5/8" (15.9mm) - 1.1/4" (31.7mm)
P-760	1.1/8" (28.6mm) - 2" (50.8mm)
P-760	1.7/8" (47.6mm) - 3" (76.2mm)

Pneumatic Vacuum Leak Detector

TOOL SPECIFICATION

Tube Capacity: - ¼” (6.3mm) To 3” (76.2mm)

Air Pressure required: - 90 psi (6.0 Bar)

Air Consumption: - 26 cfm (720 l/min)

Max Vacuum: - 80%

Temperature range: - -20 to 80 C

Weight: - 0.800 gms

Dimensions:- 230 x 120 x 170 (MM)

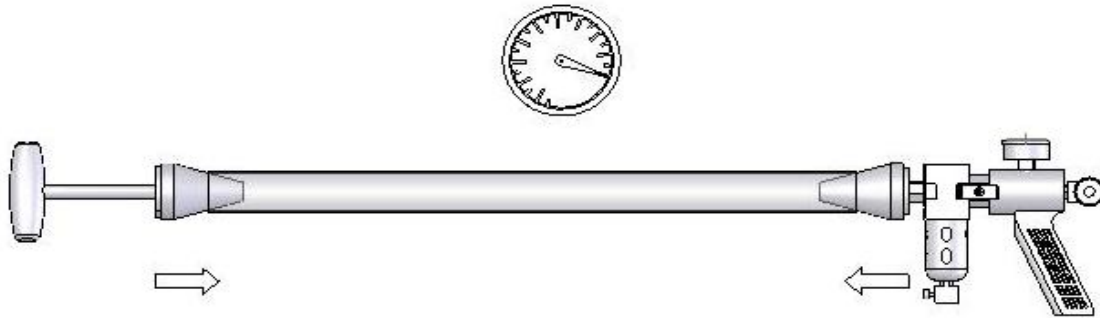
Contents: - “DBX” MODEL PVLD-3000 Leak Detector Test Kit includes,
Vacuum Gun : 1Pc
Tube seal with nozzle (Any one size) : 1set
T’ handle with plugging nozzle & plugging seal.: 1set
2 Mtrs pneumatic hose. : 1Pc
Compact carrying case : 1Pc

TUBE SEALS AVAILABLE

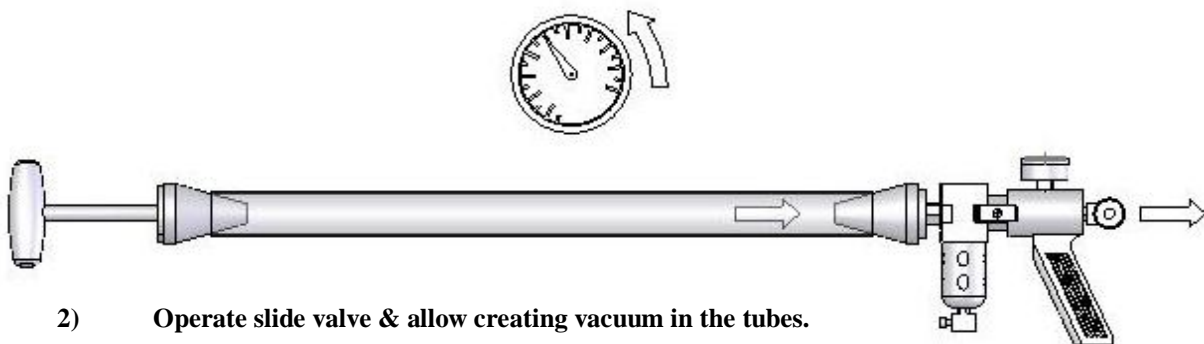
Model (SEALS)	Model (NOZZLE HANDLE SIDE)	Model (NOZZLE GUN SIDE)	Tube Size
P-750	NH-750	NG-750	1/4”(6.3mm) – 3/4” (19.05 mm)
P-1250	NH-1250	NG-1250	5/8”(15.9mm) – 1.1/4” (31.7mm)
P-2000	NH-2000	NG-2000	1.1/8” (28.6mm) – 2” (50.8 mm)
P-3000	NH-3000	NG-3000	1.7/8” (47.6mm) – 3” (76.2 mm)

Do not use thread tape to seal pipe threads.

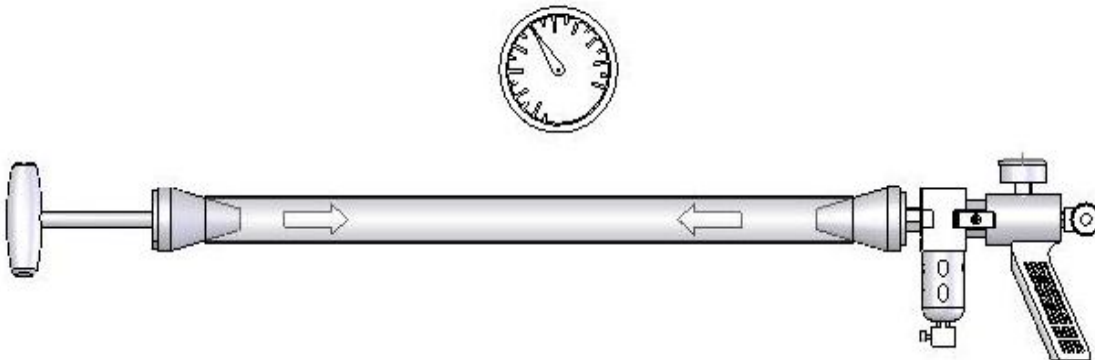
OPERATING INSTRUCTIONS:-



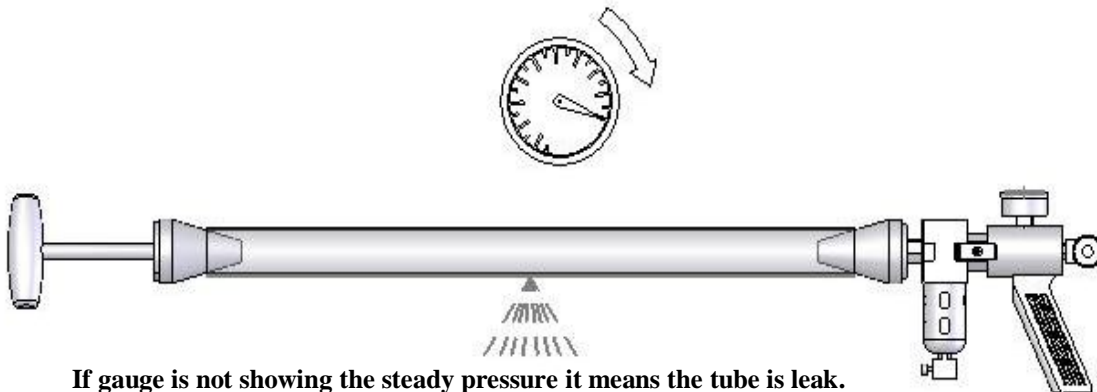
- 1) **Connect air supply to the gun Plug both ends of the tube to be tested with Plugging 'T' handle one end & vacuum gun at other end.**



- 2) **Operate slide valve & allow creating vacuum in the tubes.**



- 3) **Shut off the slide valve when vacuum gauge reaches to the desire pressure. Hold for seconds if gauge shows steady pressure there is no leak.**



If gauge is not showing the steady pressure it means the tube is leak.