

DBX TOOLS



PNEUMATIC VACUUM LEAK DETECTOR MODEL - PVLD 3000



Dh Boiler eXchangers Tools Pvt. Ltd.

AN ISO : 9001 - 2008 / SSI REGISTERED

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TIN No.: U29253MH2013PTC251318

PNEUMATIC TUBE LEAK DETECTOR

INTRODUCTION

The vacuum leak tester PVLD-3000 is a simple precise method of testing tubes of boilers, condensers, & heat exchangers. It is the fastest & most accurate means of locating leaky tubes for plugging or replacement or installation of new tubes.

It works on principle of vacuum in which tool suck the air from tube & create vacuum to a desired reading on gauge.

Steady reading on gauge indicates NO LEAK.

If the reading on the gauge drops it indicates the LEAK tube.

IMPORTANT SAFETY INSTRUCTION:-

Instructions for Safe operation of this product.

WARNING:-

Any use of this tool other than its intended purpose could cause major damage to the tool or pose a risk to the operator.

USE OF PRODUCT:

Wear eye protectors.

Use only clean dry filtered lubricated compressed air to operate this product.

Do not use any other gases or liquids to operate this product.

Do not use higher pressures than those recommended for your model. Refer to technical data sheet supplied.

TUBE CONDITION

Tube to be tested should be free of visible liquids or other residue. If necessary, blow the tube inner diameter with clean, dry, compressed air.



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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)

INSTALLATION:

As per the technical data sheet refer the full technical specification for connection.

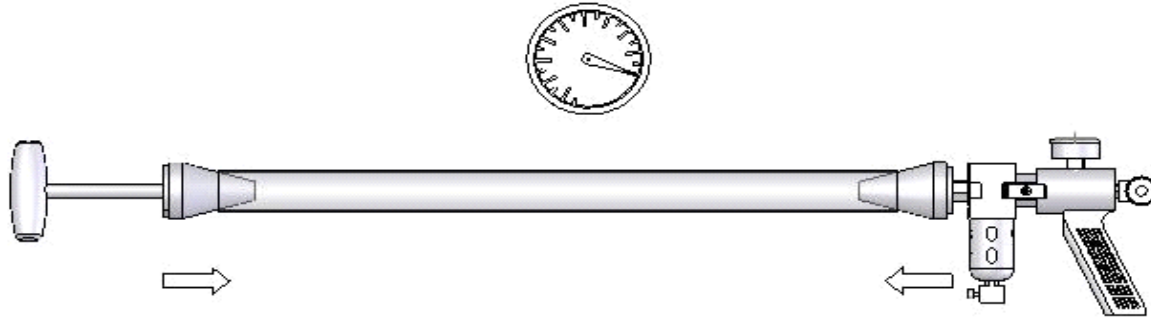
Use pipes that are the same size as the product ports for lengths up to 2 meters from main line to the product & use larger size pipes for lengths longer than 2 meters.

Do not use thread tape to seal pipe threads.

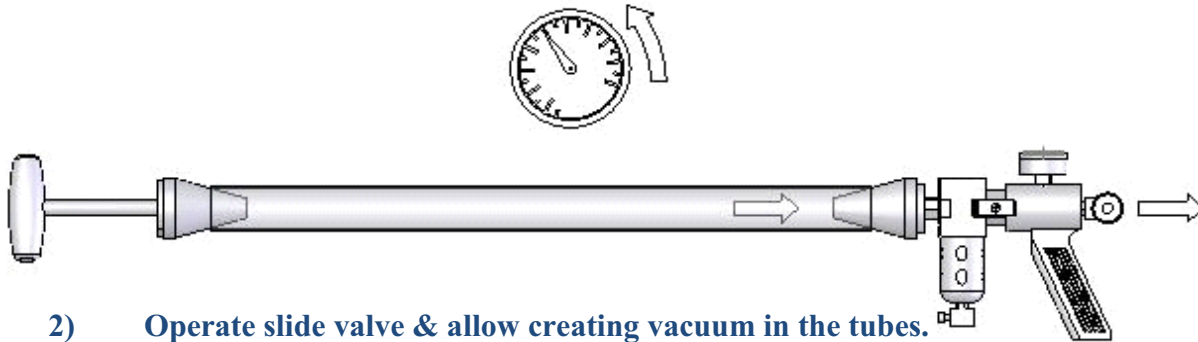


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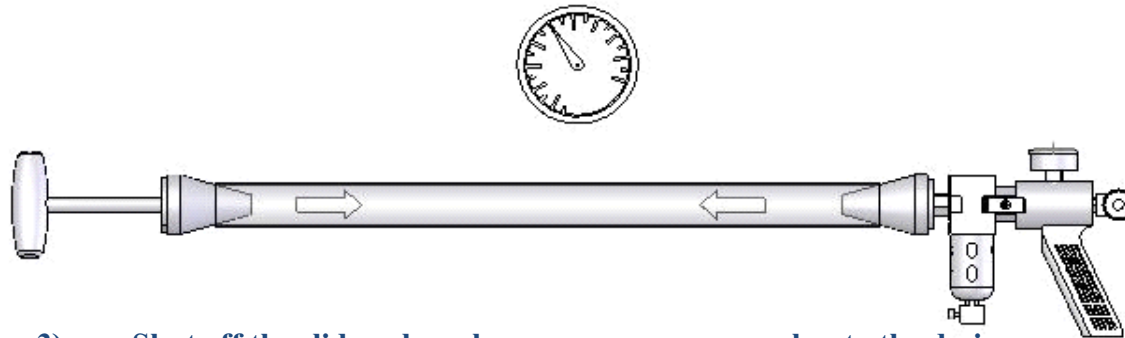
OPERATING INSTRUCTIONS:-



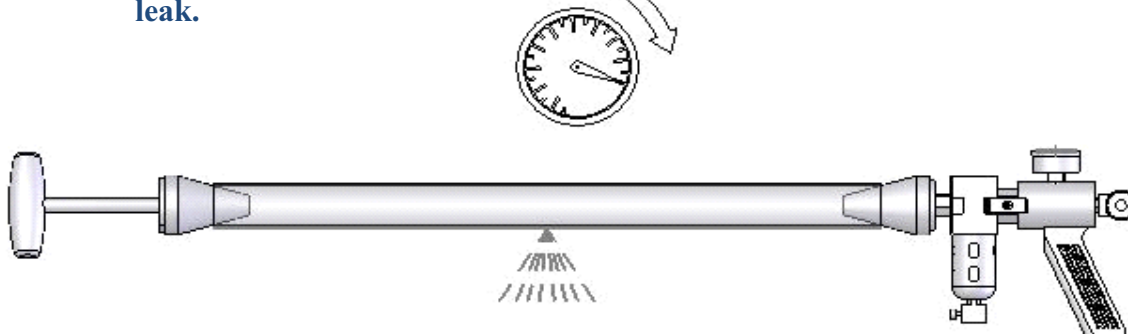
- 1) Connect air supply to the gun Plug both ends of the tube to be tested with Plugging 'T' handle one end & vacuum gun at other end.



- 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.



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

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