

## Vacuum Leakage Tester

## VDX/DLX Series

The Leakage Tester is used to check a package for leakage / capillary defects / pin holes.

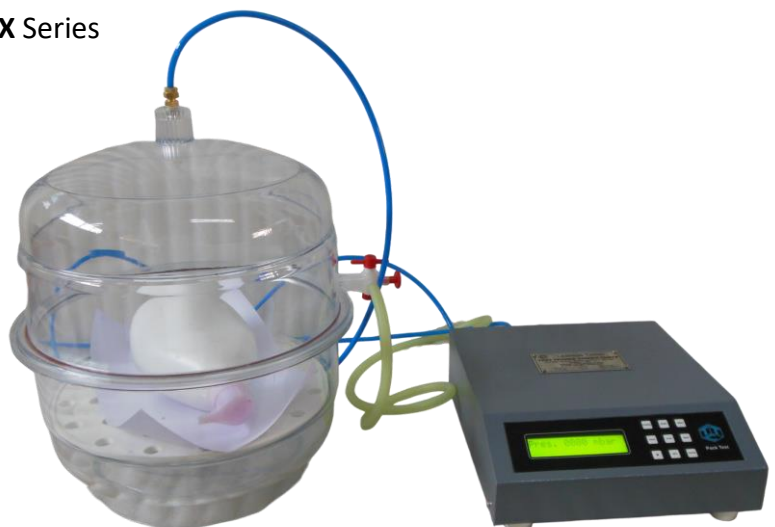
1. Solid Filled / Air Filled packages are tested while submerged in water. (Wet Test)
2. Liquid Product Filled packages are tested in dry condition. (Dry Test)

Can be used to test any non-porous package such as Pouches, Blister Packs, Cans, Bottles, etc. This test can also help understand the performance of a package when transported through non-pressurized air cargo or when it is used at high altitudes (low atmospheric pressures).

The Vacuum method of leakage testing is not entirely suitable for packages with very low headspace Volumes or for products with high viscosity.

### Technical Specifications :

- Digital Model with Backlit LCD Display
- Automatic Operation :
  1. Generates Vacuum up to desired level
  2. Holds Vacuum up to desired time.
  3. Discharges Vacuum to get ready for next test.
- Optional facility to capture test data on to the PC directly through the software and generate PDF test & calibration reports.
- Unique Push-N-Twist Lock Plate to keep samples submerged during a Wet Test.
- Inbuilt Vacuum Generation Method :
  - o Venturi Vacuum Generator in **DLX** Series (Needs Compressed Air to Generate Vacuum)
  - o Motorised Vacuum Pump in **VDX** Series
- **User-friendly calibration.**
- Choice of Measurement units : mm-hg, Mbar, kPa (User settable from Menu)
- **Vacuum Capacity : See Series-Type section on the last page.**



## Push-N-Twist Lock Plate

- a. Keep samples (bottles or pouches) submerged during a wet test.
- b. Transparent Plexiglass (Acrylic) for a clear view and easy identification of leakages.



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### Included with all models / SKUs :

- **Vacuum Tank** (Round Desiccator)  
Material of Construction : Polycarbonate (Top + Bottom Transparent)  
Chamber Shape : Spherical. Center Split.  
Chamber Type : Transparent Tank with 12 Inch Dia and 12 Inch Height
- **Transparent Push-N-Twist Lock Plate**
- **4-20 mA MACS Calibrator** (to verify and rectify calibration of the equipment)
- **Air Filter + Pressure Regulator** (with DLX models, to ensure long working life to the machine)

**DQ/IQ/OQ Documentation are supplied with certain models.**

**Warranty :** 12 Months (Ex-Factory)

### Utilities Required for VDX Series :

1. Power : 230 Volts A.C., 50 Hz. Clean power.

VDX Series model is available in 220 V AC option only. Not available in 110 V AC supply.

### Utilities Required for DLX Series :

1. Power Supply (Current : Max 5 Amps) :
  1. For India (Domestic Model) : 230 Volts A.C., 50 Hz. Clean power.
  2. For Outside India (Export Model) : As per your country's power rating.
2. Compressed Air (Clean & Dry) @ 6 bar (87 psi). 80-100 LPM.

## How to Order ?

Select the Equipment Part Code (SKU) and request for a quotation by sending an email to [info@packtest.com](mailto:info@packtest.com)

<b>Region</b>	<b>Industry</b>	-	<b>Equipment</b>	-	<b>Series - Type</b>
D	N		VLT		VDX - R
E	P				DLX - R
					DLX - H
					DLX - XH

	Options	Description
Type	D	Domestic Model For Sale in India only. Warranty / Support valid only in India
	E	Export Model for Sale outside India only. Comes with a set of emergency spares. International Quality / Warranty / Support.

Industry	N	For Food / Beverage / FMCG Industry. Non-Pharma.
	P	For use in Pharmaceutical Industry. DQ/IQ/OQ documents are provided with machine.

Equipment	VLT	Vacuum Leakage Tester
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Series – Type	VDX-R	with Motorised, Diaphragm Type, Oil-Free Vacuum Pump Range : 0 – 700 mbar (0 – 525 mm hg) Vacuum Working Range : 200 – 600 mbar (150 – 450 mm hg) Vacuum Power Supply : 220 V AC Option only.
	DLX-R	<b>Regular Type</b> with Air Operated, Vacuum Generator. Range : 0 – 700 mbar (0 – 525 mm hg) Vacuum Working Range : 200 – 600 mbar (150 – 450 mm hg) Vacuum
	DLX-H	<b>High Vacuum Type</b> with Air Operated, Vacuum Generator. Range : 0 – 900 mbar (0 – 675 mm hg) Vacuum Working Range : 200 – 800 mbar (150 – 600 mm hg) Vacuum
	DLX-XH	<b>Extra High Vacuum</b> with Air Operated, Vacuum Generator. Range : 0 – 900 mbar (0 – 675 mm hg) Vacuum Working Range : 200 – 900 mbar (150 – 675 mm hg) Vacuum Needs >100 LPM Air Flow @ 6 bar pressure.

**PackTest recommends DLX Series (if you are able to supply compressed air).**

DLX = Zero Maintenance + Lowest Noise + Highest Vacuum + Fastest Vacuum Generation.

Document Version : 24.4

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