VTech®
COOL INNOVATION

VTECH PD SERIES
PRESSURE DECAY LEAK TEST AND TRACER GAS FILLING EQUIPMENT

VTech PD Pressure Decay Leak Test System is a low cost bench-top unit for detecting gross leaks in sealed refrigeration circuits and components.
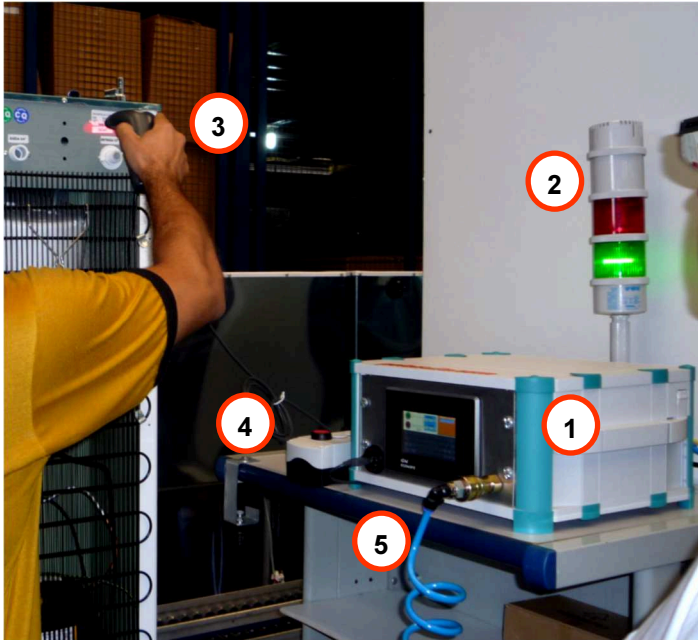
A PD test is highly recommended prior to tracer gas fine leak testing in order to avoid contamination of the test area. In specific applications, where a low leak rate resolution is sufficient, a PD test may be all is required. Another version of this equipment, **VTech GF10**, is used for filling tracer gas such as Helium and Hydrogen mix, prior to manual sniffing.

Both units are completely automatic. The cycle is selected via the touch screen or optional barcode scanner and started by a convenient foot pedal. A two-color stack light indicates the system status.

INNOVATIVE FEATURES:

- Compact: small footprint reduces required space so it can be installed virtually anywhere

- Easy: automatic program cycle eliminates guesswork and operator error

- Automatic: Pass/Fail - no more looking at gauges or the clock

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Product Composition

1. VTech PD unit
2. Stack Light
3. Barcode Scanner
4. Start pedal
5. Test Hose

PD10 model.

Product Selection Guide

Three models are available, **GF10** gas filler, **PD10** and **PD10HR** for 10 bar maximum test pressure. The High Resolution version **PD10HR** features a differential pressure transducer resulting in a very high leak test resolution. If a full production, fully customizable piece of equipment is required, please take a look at the **VTech UNO-He** (separate brochure available).

Model No.	Sensor Type	Max. Pressure	Leak Rate
GF10	Linear	10 bar	N/A
PD10	Linear	10 bar	10^{-2} mbar l/s
PD10HR	Differential	10 bar	10^{-4} mbar l/s*

*In a volume of 1 liter for 60 sec test time

Product Specifications

No. of test hoses	1 or 2
N_2 or Dry Air max Pressure	10 bar
Display	5"LCD TFT
Dimensions	500x500x300mm
Weight	25 kg
Stack light	2 color
Barcode Scanner	optional
Power supply	110-240V 50/60Hz 1ph