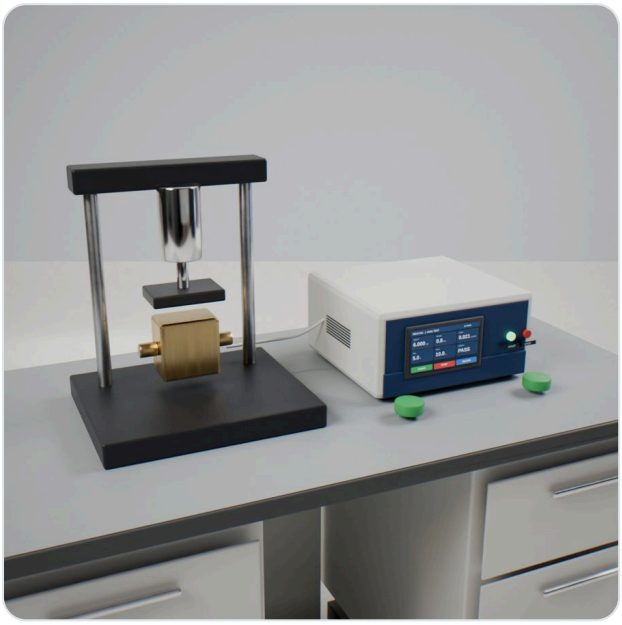
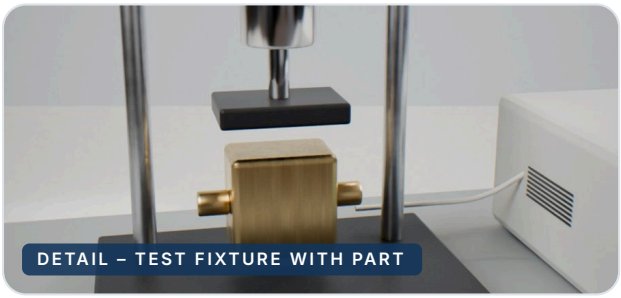
PRODUCT DATASHEET

Automated Pressure Decay Leak Tester

Fast pass/fail leak tests on the production line





DETAIL – TEST FIXTURE WITH PART

OVERVIEW

The Tech Inc. Automated Pressure Decay Leak Tester finds leaks by filling a part with air to a set pressure, isolating it and measuring how fast the pressure falls. The tester converts the decay into a leak rate and gives a pass or fail in seconds, with every result logged.

MODELS AND CONFIGURATIONS

- **Pressure decay** – standard leak rates.
- **Differential pressure** – smaller leaks with a reference volume.
- **Mass flow** – large leaks and vacuum tests.

TYPICAL DESIGN DATA

Model	TI-PDL-100 series
Test pressure	Vacuum to about 20 bar
Resolution	About 0.1 Pa
Cycle time	Typically 5 to 30 seconds
Outputs	Leak rate, pass/fail, data log

APPLICATIONS

Valves and fittings, filter housings, pumps, medical devices, automotive components, enclosures and membrane modules.

KEY ADVANTAGES

- **Fast** – seconds per part
- **Repeatable** – controlled fill and stabilisation
- **Traceable** – every result logged
- **Custom** – fixtures built for your part

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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