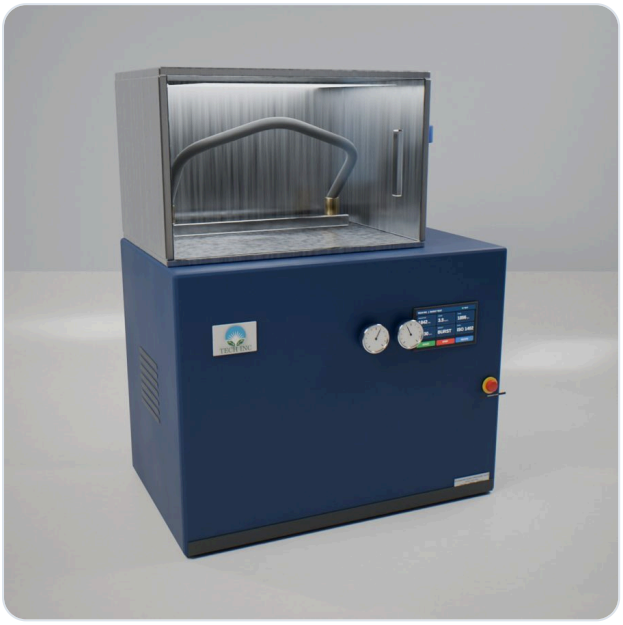
PRODUCT DATASHEET

Automated Burst Pressure Tester

Burst and proof tests with recorded results





DETAIL – GUARDED TEST CHAMBER

OVERVIEW

The Tech Inc. Automated Burst Pressure Tester raises the pressure in a part at a controlled rate until it bursts or holds the proof pressure, and records the result. The part sits in a guarded chamber; an air-driven intensifier or electric pump supplies the pressure and the controller ramps, holds and logs it.

MODELS AND CONFIGURATIONS

- **Bench model** – small parts, up to about 1000 bar.
- **Cabinet model** – larger parts, up to about 2000 bar.
- **Gas burst model** – nitrogen burst in a reinforced chamber.

TYPICAL DESIGN DATA

Model	TI-BPT-2000 series
Pressure	Up to about 2000 bar (30,000 psi)
Ramp	Programmable, about 0.1 to 50 bar/s
Medium	Water, oil or water-glycol
Standards	ISO 1402, ISO 6605 and SAE J343 methods supported

APPLICATIONS

Hoses and hose assemblies, tubing, fittings, filter housings and elements, membranes and modules, pressure vessels and valves.

KEY ADVANTAGES

- **Safe** – guarded chamber and interlocks
- **Controlled** – programmed ramps and holds
- **Recorded** – certificates for every test
- **Flexible** – adaptors for many parts

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

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