

Burst Pressure Testing Machine

This burst test stand is used for proof pressure and burst testing of products such as radiators, condensers, and pipelines. Test pressure, pressurization rate, and temperature parameters can be set, and the machine completes testing automatically.



ADDITIONAL IMAGES



Product Overview

Industrial Burst Pressure Testing

This advanced burst pressure testing machine is engineered for rigorous material and component validation. It offers precise control over pressurization rates and supports a wide range of testing environments and media types. Designed with operator safety in mind, it includes advanced interlocks, viewing windows, and emergency stop systems to ensure secure operation during high-pressure testing procedures.

Performance Metrics

Maximum Test Pressure

500 MPa
Max Pressure

Pressurization Rate

300 MPa/min

Sample Specifications

Sample Capacity

Dimension	Range
Diameter	∅3 - ∅150mm
Length	100 - 1000 mm

Technical Capabilities

Temperature Ranges

Type	Range
Environment	-60 to 180 °C
Media	RT to 180 °C

Compatible Media Water, Water-Glycol, Hydraulic Oil

Testing Procedures

Standard Procedures

- Constant speed pressurization to burst
- Constant speed pressurization with pressure maintaining to burst
- Constant speed pressurization with pressure maintaining to relief
- Multi-stage pressurization and pressure maintaining cycles

Safety & Operation

Safety Features

Pressure Relief Protection • Door Interlocks • Emergency Stop • Viewing Window