1A | DLE TEST | TEC

HIGHEST LEVEL OF EXPERTISE
STATE-OF-THE-ART TECHNOLOGY
MOTIVATED EMPLOYEES
Let us be the secret to your success

2 LOCATIONS

1 TEAM

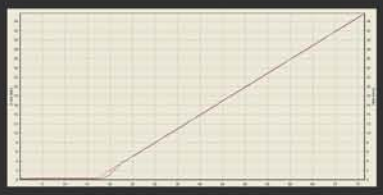
Burst pressure test systems

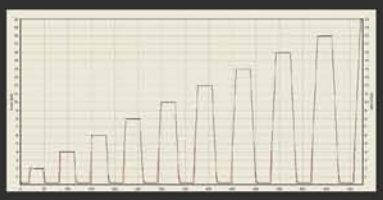
Room temperature RTBD0150 | High temperature HTBD0150

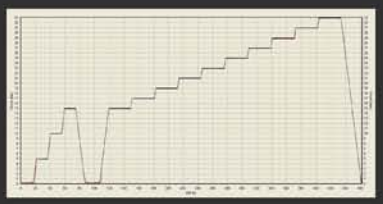
Our hydraulic burst pressure test systems are used for measuring the burst pressure on fluid components and systems at oil temperatures up to:

- 40 °C with the RTBD0150 room temperature system
- 150 °C with the HTBD0150 high temperature system.

They are specially designed for development testing, for testing laboratories and for in-series quality monitoring and are thus equipped according to specific customer requirements.







Burst profile:

- Linear pressure ramp
- Pressure profile according to DIN/ISO and SAE standards
- Customer-specific parameters

Technical specifications:

Test stations:	Single and double-chamber systems
Pressure range:	0 to 15 MPa standard (up to 350 MPa on request)
Testing medium:	HLP oil, fully synthetic motor oil (other media on request)
Testing medium temp.:	• RT = up to max. 40 °C (temperature window +/- 2 K) • HT = up to max. 150 °C (temperature window +/- 5 K)
Control technology:	Industrial PC, Simatic S7 PLC, visualisation, highly dynamic recording of measurement data, online evaluation and archiving of current test, output of customer-specific test logs, network-compatible
Test sample adaptation:	Interchangeable adapter system with mechanical or hydraulic test sample clamping or according to customer specification
Optional extras:	Torque wrench for documented tightening and loosening torque, displacement sensors for measuring deformation, measurement of leakage rate and expansion volume, additional side flow and return flow connections for testing components in external temperature chamber, touch-screen operation

CE® declaration of conformity

Our strength lies in adjusting key technical data to your specifications!

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