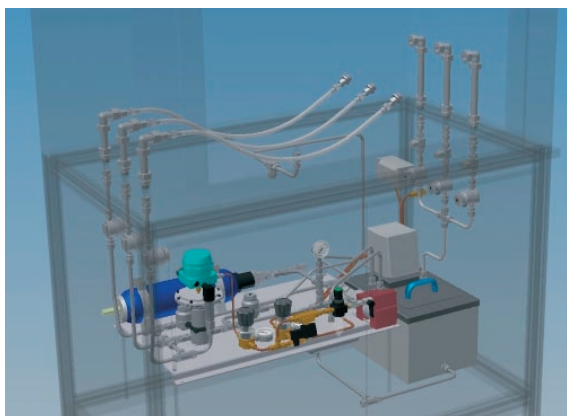




Test Benches

Burst test bench for car radiator hoses





The test bench allows an accurate hydro-static testing of car radiator hoses acc. to DIN EN ISO 1402. It's main purpose is the inspection of initial samples and random hose testing during ongoing production

Scope of testing:

- widening tests at constant pressure
- leakage tests at constant pressure, visual evaluation
- burst tests at slow increasing pressure ramps

Technical description

Loading	manual
Test sample	hoses for cooling water
Test medium	glycol
Test pressure	100 bar max., ramp slope: 0,1 bar/s
Temperature	operating temperature up to 135 °C chamber and test medium are separately temperature-controlled
Accuracy	pressure ramps $\pm 0,1 \%$ temperatures $\pm 2 \text{ }^\circ\text{C}$
Control system	microprocessor-controlled test cycles, visual basic data acquisition: National Instruments components
Features	3 test points, individually disconnectable piston pump, compressed air-actuated electronic pressure control with ER 3000 & 26-2000 automated test process with burst detection and deactivation of faulty leg archiving of test results data export

Test bench layout and test parameters are custom-designed and can be individually modified according to customer's needs.