

Liquid Leak Test



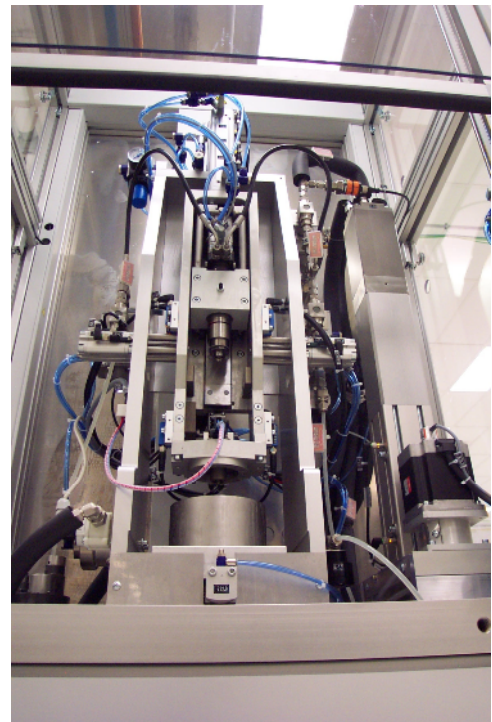
General view

Brief Description

The manually loaded test bench has been designed for different injectors of the GDI and PFI sector. It offers high flexibility in testing injectors with different geometries due to a simple change of the injector fixtures and a simple changeover dialogue in the software.

A DMC reading station and a hand scanner are included in this configuration as well.

The fully automated control software allows easy handling and high flexibility. Results and current values are displayed on the main window to guarantee an easy overview of the process.



Leak measuring station

Highlights

- Highly precise downstream leakage test
- Upstream gross leak test for system safety
- Changeover between high-pressure injectors and low-pressure injectors possible in less than 5 minutes
- Highly flexible measurement parameters for product development
- Measurement in automatic and repeatability mode
- Dot code reading by camera or hand scanner
- Two pressure circuits allow testing at pressures between 2 and 250 bar without a gap

Technical Data

- Test medium: Stoddard Solvent
- Test pressure: 2...250 bar
- Measurement range of hydraulic seat leakage: 0...15 μmin
- Theoretical resolution: 0.02 nl
- Cycle time: <25s

Sonplas