

RT100



Who Uses It?

- Diesel injector service and maintenance workshops
- OEM and sub-industry manufacturers
- R&D centers

Compatible Brands

- It can perform rail, delivery valve and safety valve tests of all brands.

HIGH-PRESSURE PRECISION FOR RAIL COMPONENTS

What Does the RT100 TEST BENCH Do?

RT100 delivers accurate and repeatable testing of all common rail system parts.

Injector, rail block, safety valve and delivery valve tests can be performed on a single platform.

Provides reliable and repeatable results with precise pressure control system, electronic measurement and speed control.

Testable Systems and Components

- Common Rail Blocks (high pressure test, tightness)
- Rail Safety Valves (opening pressure, sealing)
- Pump Delivery Valves (leak test)
- CR Injectors (leak test)

User Benefits

- Save time with fast test cycles and automatic report generation
- Reduce error risk with optional barcode reader support
- Ensure reliable results at all times with the calibration menu
- Increase customer confidence with standardized and repeatable tests



Special Measurements

The safety valve accurately detects the opening pressure value

Optional Accessories

3-color Led Lamp, Barcode Scanner, Glycerin Manometer

Main Features & Benefits

- Precise pressure control up to 2500 bar
- Automatic reporting (PDF / Excel) and optional barcode integration
- User-friendly software interface and customizable test plans
- Advanced safety equipment
- Compact design and easy maintenance

Software Interface, Test Plans, and Calibration Features

- Access to all test types from the main menu (Rail, Safety Valve, Delivery Valve, Injector)
- Test plan management: Create, edit, save new plans
- Calibration menu: Rail pressure sensor calibration, device communication test
- PDF reporting: Company logo and information can be added

Functions & Testing Capacities

- Pressure range: max. 2500 bar
- Temperature control Stable operation with ISO 4113 test oil
- Automatic filling and ventilation time setting
- Leakage measurement time and tolerance values can be set
- Possibility of repeated testing

Dimensions



Technical Specifications

Power	3 Phase Connection: 380 VAC
Dimensions	Length: 166 cm Depth: 84 cm Height: 157 cm
Calibration Fluid	ISO4113 Certificated test Oil
Test Fluid Tank Capacity	65 Liter



User Training



Spare parts



2 years warranty



Contact Us: sales@maktest.com.tr | +90 544 349 40 20



Technical: support@maktest.com.tr | +90 549 569 40 20



maktest.com