

# RT100

## 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.

### 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.

### 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

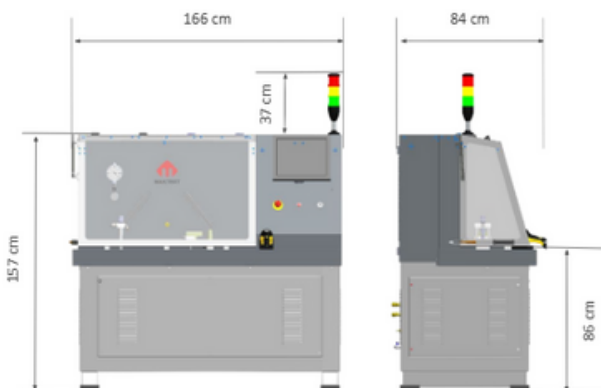
## Software Interface, Test Plans, and Calibration Features

- 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