

# Common Rail and HEUI Test Bench

This common rail test bench is designed for testing and diagnosing common rail injectors and pumps, as well as HEUI systems. It allows for precise testing and calibration of common rail and HEUI injectors, ensuring optimal engine performance and fuel efficiency.



## ADDITIONAL IMAGES



## Overview

### Professional Diesel Injection Diagnostic System

This comprehensive test bench is designed for the precise diagnosis and calibration of Common Rail and HEUI fuel injection systems. Controlled by an industrial computer running Windows, it supports a wide range of injectors including solenoid and piezo types from major global manufacturers. With a database covering over 3,000 injector types and real-time pressure monitoring up to 2400 bar, it provides a robust solution for automotive repair shops and diesel specialists.

## Performance Metrics

### Key Performance Metrics

**2400 bar**

Max Rail Pressure

**3000 types**

Injector Database

**17 inch**

LCD Touch Screen

## Testing Capabilities

### Core Test Functions

- Resistance and inductance testing
- Injection response time (optional)
- QR coding for multiple brands (optional)
- Real-time rail pressure testing
- Oil quantity measurement via sensors

### Supported Injector Types

Common Rail, HEUI, Solenoid Valve, Piezo Injectors, C7/C9/C-9, 3126B, 3406/3408/3412, FORD 6.0

## Control System

### Supported Languages

English • Chinese • Spanish • Portuguese • Russian • Italian • German

### Operating System

Windows-based Industrial Computer

## Technical Features

### Hardware Components

- CP3 Common Rail Pump
- Internal Frequency Converter for RPM stability
- High-precision sensors
- 17-inch tactile LCD interface

### Adjustable Parameters

- Injector Pulse
- Injector Frequency
- Motor RPM

## Safety & Protection

### Safety Systems

- Pressure overload protection
- Short-circuit protection
- Low noise operation
- Real-time monitoring and warnings