

Diesel Fuel Injection Pump Test Bench

This test bench is a specialized piece of equipment for testing and calibrating diesel fuel injection pumps. It features a control panel with digital displays and gauges for monitoring fuel pressure, injection timing, and fuel delivery rate.



ADDITIONAL IMAGES



Overview

Professional Diesel Injection Testing

The 12PSB-C is an industrial-grade computer-controlled diesel fuel injection pump test bench designed for high-precision calibration and maintenance. It utilizes advanced frequency conversion technology to deliver ultra-low noise operation, energy efficiency, and high output torque. With comprehensive digital monitoring capabilities, it allows technicians to accurately test and adjust a wide variety of in-line and rotary fuel injection pumps.

Technical Specifications

Core Testing Functions

- Measurement of cylinder delivery at any speed
- Test point and interval angle of oil supply
- Mechanical governor adjustment
- Distributor pump checking and adjustment
- Supercharging and compensatory device testing
- Oil return measurement for distributing pumps
- Electromagnetic valve testing (12V/24V)
- Internal pressure measurement
- Sealing capability verification

Performance Metrics

4000 rpm

Max RPM

12 qty

Adjustable Cylinders

Integrated Systems

Temperature Control • Positive Pressure System • Air Supply • DC Power Supply • Auto-Sucking Oil Supply

Available Power Ratings

5.5 kW, 7.5 kW, 11 kW, 15 kW, 18.5 kW

Compatibility

Supported Pump Types

All in-line and rotary pumps, including VE pumps