



C-SWITCH CRI +
HEUI TEST BENCH

Advanced Common Rail & HEUI Injector
Testing Platform

A professional test-bench solution for injector performance testing, electrical analysis, coding and hydraulic-system evaluation.

TECHNO INDIA

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KEY SPECIFICATIONS

POWER SUPPLY	220VAC / 380VAC	PHASE	Single Phase / Three Phases
POWER	7.5 kW	MAIN TANK CAPACITY	38 Litres
RAIL PRESSURE TEST RANGE	0–2700 bar	PUMP SPEED	0–4000 RPM
DIMENSION	202 × 122 × 180 cm	APPLICATION	CRI + HEUI Injector Testing

ENGINEERED FOR PROFESSIONAL INJECTOR TESTING

CRI	HEUI	DIAGNOSTICS
Common Rail Injector testing with injection quantity, return flow, leakage and response evaluation.	HEUI injector and system testing for electronically controlled hydraulic applications.	Electrical parameter analysis, coding support and real-time drive-current visualization.

CRI TESTING FUNCTIONS

- Injection quantity test.
- Return flow measurement.
- Leakage test.
- Injector response time test.
- Solenoid valve armature lift (AHE) test.
- Injector resistance and inductance measurement.
- Piezo injector capacitance measurement.
- Real-time visualization of injector drive current curves.
- Supports injector code generation:
 - Bosch IQA / IMA / ISA
 - Denso QR Code
 - Delphi QR Code
 - Siemens QR Code
 - Cummins XPI QR Code (Optional)
- Test plans based on original factory data for accurate, OEM-level testing.
- Open database system for continuous expansion with new injector models and test data.

HEUI INJECTOR TESTING

- Supports testing of HEUI injectors and HEUI systems.
- Compatible with applications including:
 - Ford 6.0 Power Stroke
 - Caterpillar HEUI systems
 - ISUZU HEUI systems
 - Other electronically controlled hydraulic injectors
- Injector injection quantity testing.
- Injector response performance analysis.
- Injector electrical parameter testing.
- HEUI injector performance evaluation and fault diagnosis.

APPLICATION	CRI + HEUI Injector Testing
TEST RANGE	Rail Pressure: 0–2700 bar Pump Speed: 0–4000 RPM

