

C-SWITCH CRI + HEUI TEST BENCH

Professional Common Rail & HEUI Injector Testing Platform

A professional test-bench solution for CRI and HEUI injector testing, combining injection quantity, return flow, leakage, electrical analysis, coding support and real-time current-curve visualization.

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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

CRI TESTING	HEUI TESTING	OEM-LEVEL DATA
Injection quantity, return flow, leakage, response time, resistance/inductance and piezo capacitance testing.	Supports HEUI injectors and HEUI systems including Ford 6.0, Caterpillar, ISUZU and other hydraulic injectors.	Test plans based on original factory data with an open database for continuous expansion.

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 and Cummins XPI QR Code (optional). • Test plans based on original factory data, ensuring high accuracy and OEM-level testing standards. • Open database system allows continuous expansion with new injector models and test data.	• Supports testing of HEUI injectors and HEUI systems. • Ford 6.0 Power Stroke applications. • Caterpillar HEUI systems. • ISUZU HEUI systems. • Other electronically controlled hydraulic injectors. • HEUI injector injection quantity testing. • Injector response performance analysis. • Injector electrical parameter testing. • HEUI injector performance evaluation and fault diagnosis.
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APPLICATION & PERFORMANCE HIGHLIGHTS

COMMON RAIL	HEUI SYSTEMS	PRECISION & CODING
Professional CRI injector testing with flow, leakage, response and electrical parameter evaluation.	Ford 6.0, Caterpillar, ISUZU and other electronically controlled hydraulic injector applications.	Factory-data-based test plans, real-time current curves and multi-brand injector code generation.

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Professional Automotive Diagnostic & Workshop Equipment
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