

A-SERIES

ALL-IN-ONE TEST BENCH

Model A-1000 • Professional Injector & Pump Testing Platform

A high-capacity test bench for Common Rail, EUI/EUP, HEUI and medium-pressure injector testing, with integrated pump testing and coding capabilities.



DROP TANK CAPACITY: 25-40 LITRES

RAIL PRESSURE TEST RANGE: 0-2700 BAR

PUMP SPEED: 0-4000 RPM

DIMENSION: 222X164X222CM

WEIGHT: 1200-1350 KG

KEY SPECIFICATIONS

MODEL NUMBER	A-1000	POWER SUPPLY	11 kW-22 kW / 380 VAC
PHASE	Three Phases	MAIN TANK CAPACITY	35-50 Litres
DROP TANK CAPACITY	25-40 Litres	RAIL PRESSURE TEST RANGE	0-2700 bar
PUMP SPEED	0-4000 RPM	DIMENSION	222 × 164 × 222 cm
WEIGHT	120-135 kg	APPLICATION	All-in-One Injector & Pump Testing

COMMON RAIL	EUI / EUP / HEUI	3 INDEPENDENT SYSTEMS
Supports common rail injectors including piezo types and common rail pumps from Bosch, Delphi, Denso, Siemens and Cummins.	Full testing support for EUI/EUP and HEUI injectors and actuation pumps, including specified heavy-duty applications.	Unit Pump/Unit Injector module, Common Rail injector + pump module, and Medium-pressure injector module.

FUNCTIONS & TESTING CAPABILITIES

- Powered by 380V, 3-phase, supporting all types of common rail injectors (including piezo) and common rail pumps.
- Compatible with common rail systems from Bosch, Delphi, Denso, Siemens, and Cummins.
- Supports full testing of EUH/EUP and HEUI injectors and actuation pumps, including Ford 6.0, CAT 3408/3412, ISUZU, Delphi E3, HPI Q60, etc.
- Maximum rail pressure up to 2700 bar, supporting high-speed, medium-speed, and idle-speed testing.
- Three fully independent systems can operate simultaneously.
 1. Unit Pump / Unit Injector module.
 2. Common rail injector + common rail pump testing module.
 3. Medium-pressure injector module.
- Equipped with original German-imported flow sensors for high precision and data accuracy aligned with Bosch standards.
- Supports injector coding: Bosch IQA, Cummins XPI QR, Denso 16-32 QR, Siemens QR.

- Comprehensive testing functions:
 - Injector response time.
 - Armature lift.
 - BIP test.
 - Resistance and inductance.
 - Pulse width (on-time).
 - Injection opening pressure.
 - Common rail pumps flow, leakage, and pressure-stability testing.
- Real-time online system updates, with fully flashable PC and driver programs.
- Standard industrial air-conditioning and cooling, enabling 24/7 continuous operation with high system reliability.
- Optional: enhanced fuel-flow measurement and multi-channel simultaneous testing (2/4/6 injectors).

SYSTEM & APPLICATION HIGHLIGHTS

PRECISION TESTING	OEM-ALIGNED DATA	CONTINUOUS OPERATION
German-imported flow sensors and high-precision measurement architecture.	Test data and standards aligned with Bosch specifications; supports injector coding across major systems.	Industrial air-conditioning and cooling designed for 24/7 operation with high system reliability.

TECHNO
INDIA

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