



RISEY

A-SERIES ALL-IN-ONE TEST BENCH

FUNCTION INTRODUCTION

MODEL NUMBER: A-1000
 POWER SUPPLY: 11KW-22KW/380VAC
 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: 222X144X222CM
 WEIGHT: 1200-1350KG



- 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.
- Also supports full testing of EUI/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 operating 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, ensuring high precision and data accuracy aligned with Bosch standards.
- Supports injector coding: Bosch IQA, Cummins XPI QR, Denso QR, Delphi 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 pump 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).