



RISEY

M-SERIES MULTIFUNCTIONAL TEST BENCH

FUNCTION INTRODUCTION

MODEL NUMBER: M-1000/M-1000CHE/M-1000H/M-1000E/M-1000HE
POWER SUPPLY: 7.5KW/220VAC/380VAC
PHASE: SINGLE PHASE/THREE PHASES
MAIN TANK CAPACITY: 35 LITRES
DROP TANK CAPACITY: 25 LITRES RAIL
PRESSURE TEST RANGE: 0-2700 BAR
PUMP SPEED: 0—4000 RPM
DIMENSION: 124*108*182CM



- 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:
 - Unit Pump / Unit Injector module
 - Common rail injector + common rail pump testing module
 - 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.