

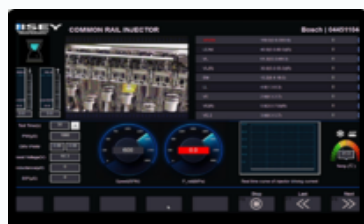
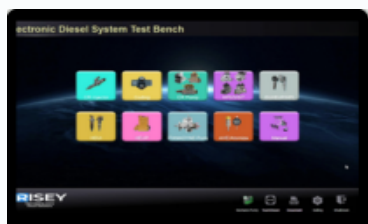
## M-SERIES MULTIFUNCTIONAL TEST BENCH

**Model M-1000 / M-1000C / M-1000H / M-1000E / M-1000HE**

A professional multi-function platform for Common Rail, EUI/EUP and HEUI injector and actuation-pump testing, with independent testing systems and real-time analysis.

### TECHNO INDIA

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### KEY SPECIFICATIONS

|                           |                                                 |                                 |                            |
|---------------------------|-------------------------------------------------|---------------------------------|----------------------------|
| <b>MODEL NUMBER</b>       | M-1000 / M-1000C / M-1000H / M-1000E / M-1000HE | <b>POWER SUPPLY</b>             | 7.5 kW / 220 VAC / 380 VAC |
| <b>PHASE</b>              | Single Phase / Three Phases                     | <b>MAIN TANK CAPACITY</b>       | 35 Litres                  |
| <b>DROP TANK CAPACITY</b> | 25 Litres Rail                                  | <b>RAIL PRESSURE TEST RANGE</b> | 0-2700 bar                 |
| <b>PUMP SPEED</b>         | 0-4000 RPM                                      | <b>DIMENSION</b>                | 124 × 108 × 182 cm         |

| COMMON RAIL                                                                          | EUI / EUP + HEUI                                                         | 3 INDEPENDENT SYSTEMS                                                                     |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Supports all types of Common Rail injectors, including piezo, and common rail pumps. | Supports full testing of EUI/EUP and HEUI injectors and actuation pumps. | Unit Pump / Unit Injector; Common Rail injector + pump; Medium-pressure injector modules. |

FUNCTIONS & TESTING CAPABILITIES

- Powered by 380V, 3-phase, supporting all types of Common Rail injectors (including piezo) and common rail pumps.
  - Compatible with Bosch, Delphi, Denso, Siemens and Cummins Common Rail systems.
  - Supports full testing of EUI/EUP and HEUI injectors and actuation pumps, including Ford 6.0, CAT 3408/3412, ISUZU, Delphi E3 and HPI Q60.
  - Maximum rail pressure up to 2700 bar, supporting high-, medium- and idle-speed testing.
  - Three fully independent systems can operate simultaneously.
  - Unit Pump / Unit Injector module.
  - Common Rail injector + pump testing module.
  - Medium-pressure injector module.
- Original German-imported flow sensors for high precision and data accuracy aligned with Bosch standards.
  - Supports injector coding: Bosch IQA, Cummins XPI QR, Denso QR, Delphi QR and Siemens QR.
  - Injector response time, armature lift and BIP testing.
  - Resistance and inductance measurement.
  - Pulse width (on-time) and injection opening pressure testing.
  - Common Rail pump flow, leakage and pressure-stability testing.
  - Real-time online system updates with fully flashable PC and driver programs.
  - Industrial air-conditioning and cooling for 24/7 continuous operation with high system reliability.

SYSTEM & APPLICATION HIGHLIGHTS

| PRECISION TESTING                                                                             | INJECTOR CODING                                                    | CONTINUOUS OPERATION                                                                             |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| German-imported flow sensors provide high-precision measurement aligned with Bosch standards. | Bosch IQA • Cummins XPI QR • Denso QR<br>• Delphi QR • Siemens QR. | Industrial air-conditioning and cooling supports 24/7 continuous operation and high reliability. |

TECHNO

INDIA

Professional Automotive Diagnostic & Workshop Equipment  
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