

TK1022

COMMON RAIL INJECTOR
AND MECHANIC INJECTOR TESTER

**TK1022
IS CREATED TO BE
A MULTIPURPOSE
TESTING SOLUTION
FOR ALL TYPES OF
INJECTORS;
BOTH
MECHANICAL
AND
COMMON RAIL**



Simple but Efficient, helps to create value.

TK1022 injectester CR Manual is a simple, hand operated test stand for initial testing of the common rail injectors.

It is designed to save time by checking return flow and spray pattern before actually starting a more complete test on TK1026 injectester CRb.

Its simple and ergonomical design helps customers to perform fast and reliable tests on every model of common rail injector.

New touch panel display shows the instantaneous pressure as a graph on the screen which allows to understand the pressure holding capability of the injector easily.



FEATURES & BENEFITS

MULTIPURPOSE TEST EQUIPMENT

TK1022 is created to be a multipurpose testing solution for all types of injectors; both mechanical and Common Rail.

It can test 2-spring mechanical injectors with precision. First spring and second spring opening pressures are measured separately at two different settings.

Common Rail Testing:

- Flushing,
- Excessive return flow,
- Nozzle Condition;
Blocked or Leaking,
- Spray pattern,
- Minimum spray pressure

Mechanical Injectors:

- Spray pattern,
- Opening pressure for traditional mechanical injectors,
- Opening pressure for 2 spring injectors, first and second spring separately.



VOP Measurement

TK1022 allows to observe Valve-Opening-Pressure for CR Injectors with rail pressure limiting options.

Parameters

- Easy user interface allows to change
- Injection duration
- Injection speed
- Max and Min Rail Pressure Limits using touch panel.

EUI INJECTOR OPENING PRESSURE TESTING

With proper adapters, EUI injectors' Opening Pressure is tested just like a mechanical injector opening pressure.

INJECTOR CLAMPING AND SPRAY CHAMBER EXHAUST FILTERING

Injector clamping is simple and easy. Spacious injector spray chamber allows the user to observe spray pattern of both mechanical CR injectors.

Spray fumes are contained within the spray chamber and filtered before sending to exhaust.

TK1022 exhaust can be mounted to a air duct to convey the spray fumes outside of the working environment.

WHAT'S INCLUDED

WORKING PIPE	1
INJECTOR NIPPLE FOR DENSO	1
WASHER M6	16
BOLT M6x12	16
WHITE NUT M6	16
WHITE NUT M8	8
TABLE SHORT PROP	2
TABLE LONG PROP	2
POWER SUPPLY CABLE	1
INJECTOR CABLE - DELPHI	1
INJECTOR CABLE - BOSCH	1
INJECTOR CABLE - DENSO	1
FITTING 1/8-6	1
METAL FOOT	4
INJECTOR PIPE M12x1,5 - M12x1,5	1
INJECTOR PIPE M14x1,5 - M12x1,5	1
WASHER M8	8
FLEXI HOSE 350 MM 12/12 40x22x22CM	1
HIGH PRESSURE HOSE NIPPLE	1
MINI BALL VALVE R1/4"	1
R1/4" - 8 AUTOMATIC RECORD	1
HOSE PNEUMATIC 8X5 BLUE	1
INJECTESTER-CR CABLE TRUCKS	1

Electrical Requirements:

100-240 AC 50/60 Hz Universal
Single Phase



STANDARD ACCESSORIES:

AA3292 INJECTESTER ARM COMPLETE
AA3459 INJECTESTER-CR DENSO PIPE CONNECTION NIPPEL
AP1892 POWER CABLE
AP1638 INJECTESTER CR DELPHI INJECTOR CABLE
AP1639 INJECTESTER-CR BOSCH INJECTOR CABLE
AP1640 INJECTESTER-CR DENSO INJECTOR CABLE
BA1581 FLEXI HOSE 350 MM 12/12 40x22x22CM
AA3753 HP PIPE NIPPEL
AP1648 INJECTESTER-CR INJECTOR CABLE

TECHNICAL SPECIFICATIONS

Test Oil Tank Volume : 3 L
Used Interface : Touch Screen LCD Display
Maximum Pressure : 600 bar
Arm position : Left and right, configurable by user.

Machine Dimensions:

Width : 410 mm
Depth : 690 mm
Height : 1450 mm
Weight : 65 kg

Packing Dimensions

Width : 450 mm
Depth : 780 mm
Height : 1030 mm
Weight : 77 kg

[LEARN MORE: COMMON RAIL TESTING](#)



About Us

Since its establishment in 1981, our company has been producing CR test equipment, HEUI test equipment, EUI injector and pump test equipment, mechanical test equipment and devices that can diagnose faults with close to one hundred percent accuracy, and has a dealer network that organizes its sales to the whole world.

Started the production of 9 types of turbochargers, which are modules of diesel vehicles and appeal to 68 different model vehicles with 1.3, 1.4, 1.5 and 1.6 liters.



Technical Support

To get help from our technical support, simply contact us today. The expert technical team responds quickly to all service requests registered on the web page.



Reach To Dealer

Maktest is located in İzmir, Turkey. We work with our authorized dealers to provide fast and perfect service in our sales, installation and after-sales services to the whole world. You can contact us via our website to learn about Maktest dealer near you.



Universal Solutions

All makes injector and pump testing



Maktest Warranty

Defect and malfunction coverage



Always Up-to-date


Continuously develops software for better test results

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