

repairing the future...

TK1022

COMMON RAIL INJECTOR AND MECHANIC INJECTOR TEST EQUIPMENT

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.

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.



Simple but Efficient,
helps to create value.



MAKTEST DIESEL
INJECTION TEST AND
REPAIR SOLUTIONS



Features

Touch panel display provides language free controls with self- explanatory symbols.

CR injector testing allows the operator to define min and max pressure levels for injection. This unique feature allows testing injection pattern at different pressure levels accurately. Also helps to identify leakage above certain pressure levels.

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.

TK1022 is not a complete solution for repairing Common Rail Injectors, but it is a part of a total solution. It helps user to identify the injectors with too much return or complete mechanical failure without spending too much time.

TK1022 saves precious time and effort for better purpose.



Start Screen



Injector Chamber



Touch Screen & Touch Pen





CR Injector Test Screen of TK1022 CR Manuel



Electricity Requirement

220VAC 50/60 Hz

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.

Dimensions

Machine Dimensions:

Width : 410 mm

Depth : 690 mm

Height : 1450 mm

Weight : 65 kgg

Packing Dimensions:

Width : 450 mm

Depth : 780 mm

Height : 1030 mm

Weight : 77 kg



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For more detailed information, contact your Maktest Inc. distributor or visit



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Continuous development is taking place. Maktest reserves the right to alter the design &/or specification without prior notice.
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