

# K01815

## BOSCH TYPE CONTROL VALVE TESTER

It is ultimately important to thrust the parts before assembling them together when repairing the common rail injectors. Control valve is one of those items that are almost impossible to tell whether it is acceptable or will fail during the Flow Test on the test bench by just looking at the surface condition using magnifier or more developed cameras.



K01815 Control Valve Testing Unit saves time and effort to start repair all over again just because of a misjudgment made at a visual check.

It performs a SAFE and reliable test at 8 bar air pressure to make sure that the control valve is completely acceptable before assembling into an injector.

## EASY SOLUTION

Control valve testing requires high pressure with proper clamping to simulate the conditions inside the injector. 6-8 bar pressure is applied for checking the sealing performance.

## MAKTEST QUALITY BEHIND DESIGN

The sleeve adaptor is also used for assembling the injector with ease allowing to set poppet valve stroke and air gap properly to be able to set the fuel deliveries correct.

## TECHNICAL SPECIFICATIONS

Pressure Display	0-10 Bar
Valve Leak Indicator	75 cm <sup>3</sup>
Power Supply	Air Supply 220 VAC 50/60Hz (1ph)
Air Supply	Min. 5 Bar, dry and oil free
The Bench Dimensions / Width	320 mm
The Bench Dimensions / Depth	250 mm
The Bench Dimensions /Height	440 mm
The Bench Dimensions /Weight	11,1 kg
Package Dimensions / Width	360 mm
Package Dimensions / Depth	280 mm
Package Dimensions / Height	480 mm
Package Dimensions / Weight	12,2 kg

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# K01816

## BOSCH TYPE CONTROL

Economical Repair Solution for Control Valves Control valve lapping is a controversial repair method, not recommended by OEM's. One of the main reasons is the compensation calculation after the lapping may become very complex and the repair of the injector with the lapped control valve may become almost impossible.



Maktest KO4000 Cars system practically recalculates all the critical dimensions after the lapping very successfully and eliminates the risk of failing during the Flow Test. K01816 Bosch Type Control Valve Lapping Unit is a simple but effective solution for successfully repairing Bosch Type Control Valves.

## CORRECT LAPPING METHOD WITH CORRECT

Polishing tip with correct angle and simple lapping procedure erases the scratches and polishes the surface with precision.

## FAST AND EASY USE

Unfit Control Valve (at the right side) and control grinded Control Valve (at the left side)

## TECHNICAL SPECIFICATIONS

Motor Speed	1320 Rpm
Motor Power	90 W
Power Supply	220 VAC 50/60Hz (1ph)
The Bench Dimensions / Width	320 mm
The Bench Dimensions / Depth	220 mm
The Bench Dimensions /Height	520 mm
The Bench Dimensions /Weight	16,2 kg
Package Dimensions /Width	340 mm
Package Dimensions / Depth	280 mm
Package Dimension / Height	560 mm
Package Dimensions / Weight	17,2 kg

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## 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.



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