

TK1026.03

injectester

CRb

An easy solution for a big problem

Worldwide sales and service network provide timely and reliable support to all questions

All Makes Common Rail Injector Test Stand



**Independent
solution provider
for diesel
injection problems**



TK1026.03, third version of TK1026, is more than a test bench with its new measurement system and many updated features.

The new measuring system is faster and capable to measure bigger injectors up to 450mm³/stroke. Unlike earlier versions, TK1026.03 displays instantaneous delivery and return results from injector. Another new feature is a improved temperature control, providing more accuracy in injector fuel readings.

Maktest provides its customers;

- Updated information concerning test and repair instructions,
- Latest version control software and drivers,
- User's manuals and troubleshooting guides,
- Repair manuals for repairing various common rail injectors.

TK1026.03 control software has more than 500 injector test plans for Bosch, Delphi, Denso, Siemens and Caterpillar common rail injectors. Software and database is upgraded periodically and new models, types or new makes common rail injectors are included as they appear in the market.

**Best Accuracy,
Best Investment,
Best Performance..**

Maktest has training centers in 5 locations around the world. Training centers are focused to help customers to stay up to date with new diesel injection systems. Customers are trained for repairing common rail injectors, using special tools and interpretation of test results. Training centers provide continuous support to the customers to help them solve their repair and diagnose problems with diesel injection problems.



repairing the future..

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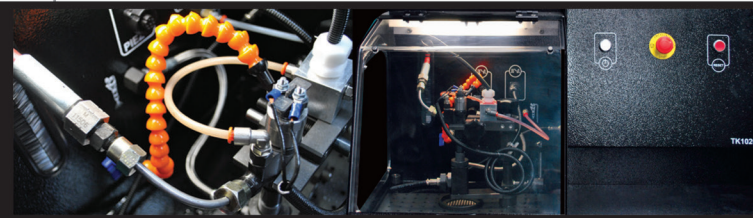
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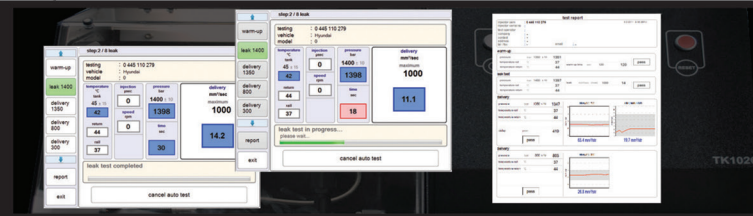
FEATURES

Designed for longer and bigger injectors to come...



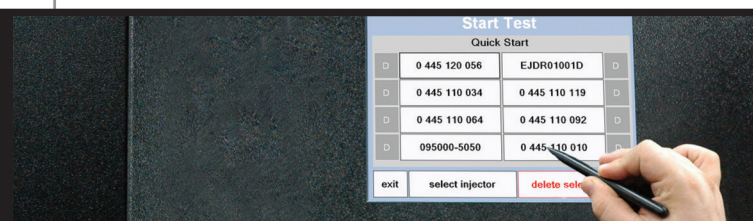
Higher and wider work area is designed for new coming injectors.

Fast and Accurate Measurement System



CMS measuring system shows instantaneous delivery and return results up to 1000mm³ per injection flow rate.

Touch to control...



Special software designed especially for touch panel operation makes life easier.

Control software with its easy to understand structure, but accurate design helps anybody to get accustomed to using TK1026.03 in just a couple of minutes.

Impressive cooling capacity



TK1026.03 is designed to work non-stop. Nothing can stop it, not even rising temperature, even without water...

Piezo and what is more?

Future is our today and we build machines for tomorrow. That is why TK1026.03 can test any common rail injector no matter it is piezo or anything else.

TK1026.03 infrastructure is capable to run many and more.

Technical Specifications

High Pressure Test Oil Transfer System	Pressure is controlled digitally between 100 and 2200 bars.
Injector Drive System	System is designed to be able to drive future injectors. It can drive electromagnetic injectors as well as piezo injectors. Drive system is capable to inject 3 times per injection cycle.
Control System	Control computer with 10" LCD. Touch Panel runs Windows 8.1 OS. Special control software operates TK1026 with high accuracy.
Fume Extraction	Patented filter system extracts the fume and filters it to drain. Powerful extraction capacity prevents fume from escaping out of spray chamber.
Delivery Measurement	Electronic Fuel Measurement System

Required Utilities

Electric	
TK1026.C	220VAC 50/60 Hz (3 ph)
TK1026.H	380VAC 50/60 Hz (3 ph)

Delivered Accessories With This Product

AP1638	DELPHI INJECTOR CABLE
AP1639	BOSCH INJECTOR CABLE
AP1640	DENSO INJECTOR CABLE
AP1718	CABLE HYUNDAI DENSO (550 09K 03427)
AP1761	SIEMENS CABLE
AP1648	CABLE FOR HEAVY DUTY APPLICATIONS
AP1675	CABLE FOR MERCEDES APPLICATIONS
KO1365-2	ADAPTOR FOR JOHN DEERE-DENSO
AP1713	INJECTION DELAY SENSOR CONNECTION CABLE
KO1538	BOSCH CR RETURN CONNECTOR
KO1485	MAINTENANCE KIT
KO1746	BOSCH INJECTOR RETURN ADAPTOR (0445 110 369)
KO1471	ADAPTOR DELPHI (4S7Q-9K546-BD) (EJDR00504Z)
KO1449	ADAPTOR HYUNDAI DENSO (550 09K 03427)

Optional Accessories and Tools Recommended

KO1560	Torque Wrench Digital
KO1521	Denso Repair Tool Set
KO1579	Bosch CRIN 2.0 - 3.0 Service Tool Set
KO1382	CRI 1.0 - 2.0 - 2.2 and CRIN 1.0 Repair Tool Set
KO1475	Clean Bench for Electronic Injector Repair, Including Injector Clamp and Ultrasonic Cleaner
KO4000	Computer Aided Repair System
KO4200	Denso G2 Measuring and Tool Set
A1000	Computer Aided Repair System (manual)
A1200	Denso CR Injectors Repair Set (for A1000)

For Various Common Rail Injector Applications

KO1426	DENSO-KOMATSU (095000-0560)
KO1427	BOSCH-RENAULT (0445120020)
KO1428	BOSCH-IVECO/CUMMINS (0445120113-0445120114)
KO1429	BOSCH-MAN (0445120030)
KO1430	BOSCH-DAEWOO (0445120040)
KO1431	BOSCH-FORD (0445120025)
KO1432	DENSO-JOHN DEERE (095000-5480/5050)
KO1459	DENSO-HYUNDAI (095000-5550)
KO1462	BOSCH-MAN (0445120056)
KO1472	DELPHI-JAGUAR X400 (4S7Q-9K546-BD) (EJDR00504Z)
KO1484	DENSO-JOHN DEERE (7560-07K00201)
KO1502	DELPHI-MERCEDES-SMART (RA0020109751)
KO1583	CATERPILLAR 320C
KO1584	DENSO-095000-6222
KO1592	DENSO (0562 011 0516) (095000-1211)
KO1631	BOSCH-CUMMINS F-2093-02-370
KO1587	BOSCH-CUMMINS 0445 120/007-059-075
KO1644	BOSCH 0445120 078 FAWY-GOLDEN DRAGON



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OTO PERK A.S.

Şair Eşref Bulv. No: 27/2 K:4 Konak 35210 Izmir / TURKIYE

Tel: +90.232 478 29 90 Fax: 232. 478 30 10 / E-Mail : otoperk@eurodiesel.com

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The Bench Dimensions:
Width 930 mm
Depth 650 mm
Height 1690 mm
Weight 270 kg



Package Dimensions:
Width 1090 mm
Depth 860 mm
Height 1890 mm
Weight 360 kg