

# MASTER 100/EVO DIESEL INJECTOR SERVICE COMMON RAIL

Part Number 0005064/EVO

BOSCH® - DELPHI® - DENSO® - VDO® - CAT® - PERKINS®

# K DIESEL

Fuel Injections Solutions



V. 06/2021

## EXPERIENCE & MODERN TECHNOLOGY

### "THE MASTER FOR THE REPAIR OF COMMON RAIL INJECTORS"

Master100/EVO is a **modern, compact** and **automatic** Test Bench for testing & coding 1 injector Common Rail. Entirely **produced and designed in Italy** this Test Bench will guarantee you the highest professional per-formances.

#### PERFORMANCES

- Minimum Opening Pressure Detection
- Minimum Opening Time Detection
- Injection quantity measurement at:
  - ▶ Pre - Injection (VE)
  - ▶ Idling (LL)
  - ▶ Emission (EM)
  - ▶ Full Load (VL)
- Nozzle & Return Leak Test
- Response Time Detection (sensors "on board")
- Missing Spray Detection (sensors "on board")
- Diagnose Electrical Coil Conditions (Graphic Display)
- Final or intermediary report
- Repair Tips where test failed

"MADE IN ITALY WHERE  
COMMON RAIL  
IS AT HOME!"



#### APPLICATIONS

- ▶ Injectors Bosch, VDO, Delphi & Denso
- ▶ Light and Heavy Duty Common Rail
- ▶ Piezo / Solenoid / PERKINS / CAT and others more



#### DATABASE

- ▶ Test Data available for Bosch, VDO, Delphi, Denso & others
- ▶ The biggest Database in the market
- ▶ OE&KD customizing all makes
- ▶ Ability to create and store customized Test Plans through Test Plan Creator function
- ▶ Continuously updated data's



#### IT CHARACTERISTICS

- ▶ CRIOM software "on board"
- ▶ Intuitive, interactive & multilingual MENU
- ▶ All in one one 8,4" touch screen PC
- ▶ Microsoft Windows 7 or up "on board"
- ▶ Ethernet connection & USB ports available
- ▶ TeamViewer, Skype & Whatsapp Support and Assistance



#### MEASURING SYSTEM

- ▶ Electronic quantity measurement with no moving parts
- ▶ Accurate measuring technology
- ▶ Mass Metering in mg/stroke & mm<sup>3</sup>/stroke
- ▶ Measurement system with 0,1% repeatability

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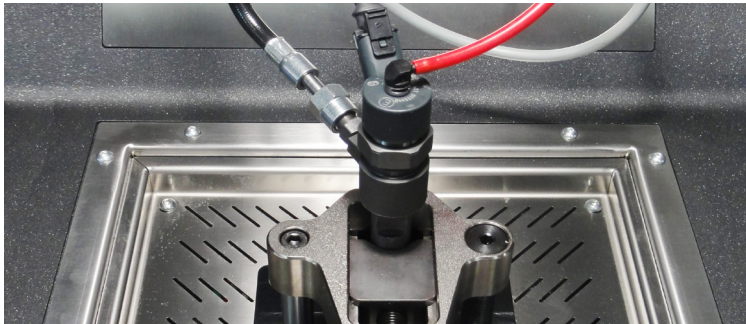
BOSCH® - DELPHI® - DENSO® - VDO® - CAT® - PERKINS®

# KDIESEL

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## INCLUDED ACCESSORIES

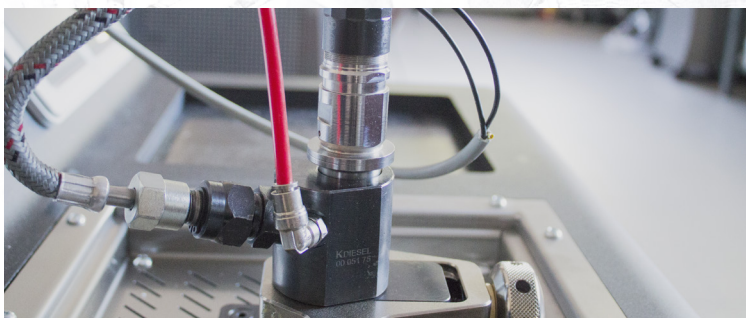
000506410	Injectors Bosch Cable
000506411	Injectors Delphi Cable
000506412	Injectors Denso Cable
000506413	Injectors Siemens/Mercedes Cable
000506419	Injectors Bosch Piezo Cable
9810653	Flexible High Pressure Hose 12 x1,5 mm
9600201	Flexible High Pressure Hose 14 x1,5 mm
000506052	Injector valve return piezo Bosch
Complete List	Available on request



“At your side  
for infinite possibilities.”

## OPTIONAL ACCESSORIES

000506499	Delphi Coding C2i & C3i
0003438	IMA Bosch Coding
0003738	Denso Coding
000506454	Perkins/CAT kit application
000369003	Printer
Adaptors CRIN	Complete list available on request



This world is driven by technology and we have no choice but to focus on creating more and more advanced products, we don't really talk about sales targets, we are much more interested in making products that customers want.

“My choice? KDiesel.”

## FEATURES

- ▶ Quick - clamp (1 minute), ergonomic, robust & simple
- ▶ Rail designed for up to 2000 Bar
- ▶ Protective Cover in Plexiglass
- ▶ Adjustable working pressure up to 1850 Bar or 2000 Bar
- ▶ Oil Test Tank capacity 22L
- ▶ Pressure generated by CP3 pump
- ▶ Work program selection: Automatic/Semiautomatic/Manual/Mix
- ▶ Printing Report with Reference Values easy to understand
- ▶ Integrated cooling system - Water free - Air free
- ▶ Nozzles response time sensor built in
- ▶ Immediate engine shutdown if cover is opened
- ▶ Filtration Capacity until 3μ
- ▶ Mechanical and pneumatic coupling system
- ▶ Return with negative pressurization, driven by controller CLP programmable



## ELECTRICAL DATA



- ▶ 220 or 400 VAC Three Phase; 50/60 Hz
- ▶ Power 7 KW



1,2 m<sup>3</sup>



1550 mm



870 mm



890 mm



325 kg



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