



**MASTER 100**

**P.N. 00 050 64**

**Diesel Injectors Service Common Rail**

**BOSCH® - DELPHI® - DENSO® - SIEMENS®**



**Introducing the "Master" for the  
repair of Common Rail Injectors**

**SPARE PARTS AND TEST EQUIPMENT FOR DIESEL SPECIALISTS**

## Performances

- ◇ Minimum Opening Pressure Detection
- ◇ Minimum Opening Time Detection
- ◇ Injection quantity measurement at:
  - Pre-injection (VE)
  - Idling (LL)
  - Emission (EM)
  - Full Load (VL)
- ◇ Multi-injection Programmable
- ◇ Response Time Detection
- ◇ Missing Spray Detection
- ◇ Diagnose Electrical Coil Conditions (Graphic Display)
- ◇ Delphi Coding available
- ◇ IMA Bosch Coding in progress
- ◇ Final or intermediary report
- ◇ Repair Tips where test failed
- ◇ The biggest Data Base in the market

## Features

- ◇ Quick – clamp (1 minute), ergonomic, robust & simple
- ◇ Rail designed for up to 2000 Bar
- ◇ Protection Cover Plexiglas
- ◇ Working pressure adjustable up to 1850 Bar
- ◇ 8,5" touch screen professional PC with Windows 7
- ◇ Electronic Mass Metering in mg/stroke & mm<sup>3</sup>/stroke
- ◇ Measurement system with 0,1% repeatability
- ◇ User-friendly interactive MENU
- ◇ Multilingual MENU
- ◇ Fully programmable control panel for future updates
- ◇ Tank oil test capacity 20L
- ◇ Pressure generated by CP3 pump

## Increased Service and Safety

- ◇ Work program selection:
  - Automatic / Semiautomatic / Manual / Mix
- ◇ Ability to create and store work cycles
- ◇ Encoding Labels Print for Delphi injectors
- ◇ Printing Report with Reference Values
- ◇ Integrated cooling system
- ◇ Immediate engine shutdown if cover is opened
- ◇ Filtration Capacity until 3μ
- ◇ Power 7 Kw

## Standard Accessories

- ◇ 000506410 BOSCH CABLE
- ◇ 000506411 DELPHI CABLE
- ◇ 000506412 DENSO CABLE
- ◇ 000506413 SIEMENS/MERCEDES CABLE
- ◇ 000506414 BOSCH PIEZO CABLE
- ◇ FLEXIBLE HIGH PRESSURE HOSE 12x1,5mm
- ◇ FLEXIBLE HIGH PRESSURE HOSE 14x1,5mm
- ◇ BOSCH CR RETURN CONNECTOR
- ◇ INJECTOR VALVE RETURN PIEZO BOSCH

## Optional Accessories

- ◇ Adaptors CRIN
- ◇ Test Plan Creator

## Required Utilities

- ◇ Electricity supply
- ◇ 400VAC Three Phase; 50/60HZ

## Packaged Dimensions

- ◇ WxDxH(mm)/ Weight(kg) 860x890x1550 / 390