

# PUMPMASTER COMMON RAIL PUMP TEST BENCH

Part Number 0003610

BOSCH® - DELPHI® - DENSO® - VDO®




V. 12/2020

**EXPERIENCE  
& MODERN  
TECHNOLOGY**

PUMPMASTER is a Test Bench which represents the **next generation** for testing small and medium sized common rail high pressure pumps.\*

This **robust, fully automatic** solution will test all makes of pumps BOSCH, DELPHI, DENSO and SIEMENS/VDO.

**Entirely produced and designed in Italy** this Test Bench will guarantee you professional performances.

\*(with the exception of BOSCH CP2 series and DENSO HP0 Pumps)

## PERFORMANCES

- Backflow measurement
- Backflow temperature measurement
- Pumping flow quantity measurement at:
  - ▶ Full Load
  - ▶ Partial Load
  - ▶ Low Load
- Testing pumps' valves (SCV's, IMV's, PCV's, DRV's, ZME's, EAV's)
- Transfer pressure measurement (coming soon)
- Final or intermediary report
- 10 minute fully automatic test cycle

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



## APPLICATIONS

- ▶ Common Rail high pressure pumps BOSCH, DELPHI, DENSO and SIEMENS/VDO
- ▶ Light Duty Common Rail



## DATABASE

- ▶ Test Data available for BOSCH, DELPHI, DENSO and SIEMENS/VDO
- ▶ OE KD&USER customizing all makes
- ▶ Ability to create and store customized Test Plans through Test Plan Creator function (coming soon)
- ▶ Continuously updated data's



## IT CHARACTERISTICS

- ▶ "AXIS" software (on board)
- ▶ Intuitive, interactive & multilingual MENU
- ▶ High Performance Tablet 10.1" tactile screen Quad Core 1.8Ghz
- ▶ Microsoft Windows 10 (on board)
- ▶ WI FI and Bluetooth 4.0 connection & micro SD micro HDMI ports available
- ▶ TeamViewer, Skype & Whatsapp Support and Assistance



## MEASURING SYSTEM

- ▶ Electronic quantity measurement
- ▶ Accurate measuring technology
- ▶ Flow Metering mm<sup>3</sup>/stroke

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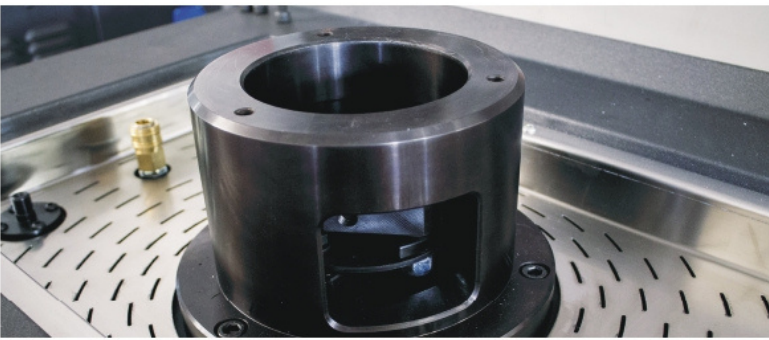
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## INCLUDED ACCESSORIES

0445020002	Pump BOSCH CP1
0445010099	Pump BOSCH CP3
22100-0G010	Pump DENSO HP3
R9044Z013A	Pump DELPHI
9421A000A	Pump DELPHI
5WS40018	Pump SIEMENS PSA

Mounting brackets and coupling for Common Rail Pumps



“At your side  
for infinite possibilities.”

## OPTIONAL ACCESSORIES

Mounting brackets - Complete List available on request

0445010030	Pump BOSCH CP1
0445010507	Pumps BOSCH CP4 S1/S2
0445010614	BOSCH CP3
0445020075	BOSCH CP3
04L130755B	Pumps VDO
03L130755AL	Pumps VDO
28334239	Pump DELPHI
28265176	Pump DELPHI
8-97313862-2	Pump DENSO HP3
5WS40565	Pump SIEMENS
5WS40844	Pump SIEMENS
R9044Z022A	Pump DELPHI
0445010008	Pump BOSCH
0445020007	Pump BOSCH CP3
0445010092	Pump BOSCH CP1

The continuous invention not only defines us, it separates us from all others.

“My choice? KDiesel.”

## FEATURES

- ▶ Standalone test bench bursting with features but still has a small footprint
- ▶ Ergonomic fast and simple pump clamping system
- ▶ Complete with built in simulator
- ▶ Integrated cooling system - Water free - Air free
- ▶ Clear protective Plexiglass cover for operators safety with safety sensor
- ▶ Tank oil test capacity 20L
- ▶ Test oil transfer system adjustable from 0 to 20 bar
- ▶ 3µ filtration system with 4 filters
- ▶ Pressure can be set and maintained up to 2000 bar
- ▶ Work program selection: Automatic/Manual
- ▶ Printing Report with Reference Values easy to understand
- ▶ Quiet working operation



## ELECTRICAL DATA



- ▶ 400VAC - Triphase 50/60HZ - 30A
- ▶ 220VAC - Triphase 50/60HZ - 30A (upon demand)
- ▶ Power 12 kVA

				
2,3 m <sup>3</sup>	1710 mm	1270 mm	1070 mm	560 kg