

# EMS7 ELECTRONIC MEASURING SYSTEM 7

Part Number 0003715

BOSCH® - DENSO® - VDO® - CAT® - PERKINS® & MORE

## K DIESEL

Fuel Injections Solutions



**EXPERIENCE  
& MODERN  
TECHNOLOGY**

**"WE WANTED TO GIVE OUR CUSTOMERS  
A FUNCTIONAL, SIMPLE  
AND ACCURATE PRODUCT.  
THE EMS7 ROBOT IS EXACTLY WHAT  
WE WERE LOOKING FOR"**

The EMS7 is our **Automatic Robot** for measuring **Shims Thickness for Common Rail injectors**. The Robot **allows precise, accurate and fast** measurement, in just 3 minutes!

### PERFORMANCES

- Calculation of shims' thickness at:
  - ▶ Armature Stroke
  - ▶ Residual Air Gap
  - ▶ Needle Lift
  - ▶ Valve Spring Force (only with Optional P/N 0005086)
  - ▶ Nozzle Spring Force (only with Optional P/N 0005086)
- All measurement together are taken in just 3 minutes!

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



### APPLICATIONS

- ▶ Light and Heavy Duty Common Rail
- ▶ Injectors Bosch CRI
- ▶ Injectors Bosch CRIN
- ▶ Injectors Denso
- ▶ Injectors CAT HEUI C7/C9
- ▶ Injectors CAT HEUI NAVISTAR
- ▶ Injectors CAT - PERKINS 6.4/6.6
- ▶ Injectors Siemens PIEZO
- ▶ Injectors VW PDE80 - PDE80.2
- ▶ Systems UIS/PLD - coming soon
- ▶ Injectors Detroit - coming soon



### DATABASE

- ▶ Available Bosch Common Rail CRIN & CRI
- ▶ Available Denso Common Rail CRI
- ▶ Continuously updated data's
- ▶ Ability to create and store customized Test Plans through the Joy pad supplied and software
- ▶ Latest OE specifications



### IT CHARACTERISTIQUES

- ▶ Electronic Measuring System EMS7 software CD
- ▶ Intuitive, interactive & multilingual MENU
- ▶ TeamViewer, Skype & Whatsapp support and Assistance
- ▶ Simulator & Joy pad included
- ▶ PC not included



### MEASURING SYSTEM

- ▶ High Precise Electronic Probe with 0.002mm tolerance
- ▶ Accurate measuring technology
- ▶ Measurement system with strong repeatability
- ▶ Requires 2 Bar pressurized air

+1(905)318-1599

sales@armdieselsolutions.com

+1(647)901-5903



# EMS7 ELECTRONIC MEASURING SYSTEM 7

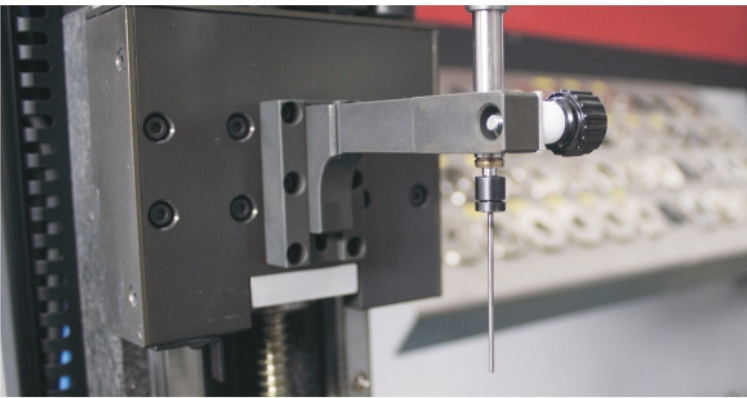
Part Number 0003715

BOSCH® - DENSO® - VDO® - CAT® - PERKINS® & MORE



## INCLUDED ACCESSORIES

000371506	Adaptor Display Stand
000371522	Calibrating Adaptor
000371580	Kit Adaptors for Injectors CRI Bosch
000371581	Kit Adaptors for Injectors CRIN Bosch



“At your side  
for infinite possibilities.”

## OPTIONALS ACCESSORIES

000371584	APP for Injectors Denso
000371585	APP for Injectors Intercontinental/VDO
000371587	APP for Injectors VW PDE80 - PDE80.2
000371588	Complete Kit for Injectors Heui C7- C9 Caterpillar - Ford
000371583	APP for injectors PERKINS/CAT 6.4 - 6.6
0005086	Spring Tester for injectors Common Rail



## THE TECHNOLOGY FOR YOUR BUSINESS

KDIESEL has developed a **range of Professional Equipment** which aim is to rebuild quickly, precisely and in an easy way, the Common Rail injectors. Our technology is born from the **studies in the Robotic field** and its target is to **improve and enhance the productivity and quality of your labor**, while helping to optimize the performance of your technicians thanks to the Know-how provided with the equipment.

The low precision of the equipments on the market stays as a result the mediocrity repairing process of Common Rail injectors (specially new generations). This turns into negative consequences affecting the performance and the exhaust of the vehicle.

Starting from this crucial point, our passionate KDiesel engineers Team started to look at things and wonder if they could do better. This is how our two robots with fully automatic electronic measuring technology, EMS7 & EMS1 came to life.

WE ARE INTERESTED IN MAKING PRODUCTS THAT DIESEL EXPERTS WANT.

**Our mission is simple: We solve the problems others seem to ignore.**

“My choice? KDiesel.”

## FEATURES

- ▶ Robust & simple to use
- ▶ Totally in granite for maximum stability
- ▶ Information about Isolation test
- ▶ Work program selection: Preset values / Customized Values
- ▶ Information about Coil resistance test
- ▶ Information about Torque parameters in order to tight correctly each part of injector

## ELECTRICAL DATA

- ▶ 220VAC Mono Phase; 50/60 Hz
- ▶ Power 150W

+1(905)318-1599

sales@armdieselsolutions.com

+1(647)901-5903

