

# Dayel Diesel

www.dayeldiesel.com

Diesel Injection Test & Repair Solutions



## PRODUCT CATALOG

DAYEL  
CODEMAN

Common Rail  
**INJECTOR  
& PUMP**  
Test Benches

**EUI & EUP  
TESTING**  
Benches

CR Injector  
**CODING**  
Systems

Diesel Injector  
**TOOLS &**  
Accessories

**DPF &**  
Garage Equipments

CR Auxiliary  
Equipments  
**STAGE 3**  
Injector Tester

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DAYEL DIESEL  
PRODUCT CATALOG  
2023



# About Us

DAYEL is the Turkish Company, experienced in the production of new age diesel test systems like EDC PC, CR common rail PC, UNIT PC and mechanical pump PC.

Founded in 1995 by Mr Cengiz DAYIOGLU and the son Mr Kaan DAYIOGLU inside RBTR Bosch Istanbul-Turkey as after sales service of Bosch test benches.

Since 2003 started to produce at first CR PC test benches 240 pcs yearly. DAYEL has experiences production, sales, training and after sales service of all test benches.

Our aim is to produce universal, easy use, low cost and qualified test equipments.

We have 55 year experience in electronic between 1968-2023.

So we can produce to test the new systems at first in the world.

Also we have code equipment for Delphi, Denso, Siemens VDO and Bosch Piezo injectors.



**Cengiz DAYIOGLU**

President of  
**Dayel Diesel**

Dear friends,

The Year 2024 is coming.

What's new in vehicles?

How long will the diesel stay on the usage?

They say that the fossil fuel will end in 2090, fossil oil manufacturers who can fight the war they want in the world can't easily give up the diesel fuel, the battery of electric vehicles are quite expensive and they are short-lasting, due to it will be produced with small quantities.

CR systems(FSI-TSI) has already been between the diesel and electric vehicles, these vehicles has started to selling in cities where the diesel has banned, there are 2 injector manufacturer for FSI-TSI systems, both of them are produced with cannot be fixed, but DAYEL has a solution for it.

We offer you test machines and the injector repair systems!

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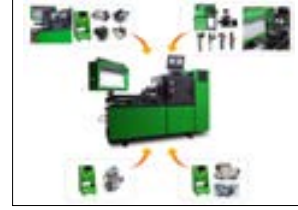
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# CR CODE & TEST BENCHES

## DAYEL DIESEL

### »» CR Injector Test & Code Benches



**Codeman Plus**  
CR4 Plus



**Codeman Quattro**  
CR4 PCE



**Codeman Twin**  
CR2 PCE



**Codeman 1 PT**  
Codeman 2 PT  
CR1 PT



**Codeman Express**



**CR1 Express**



\* Some injectors and pumps required extra tools and equipments. You could test all brands with additional tools.

Products	Coding	Testing	Pump Testing	Brands
Codeman Plus	4 CR Injectors	4 CR Injectors	1 Pump Testing	All Brands w/Optional*
CR4 Plus	Optional	4 CR Injectors	1 Pump Testing	All Brands w/Optional*
Codeman Quattro	4 CR Injectors	4 CR Injectors	-	All Brands w/Optional*
CR4 PCE	Optional	4 CR Injectors	-	All Brands w/Optional*
Codeman Twin	2 CR Injectors	2 CR Injectors	-	All Brands w/Optional*
CR2 PCE	Optional	2 CR Injectors	-	All Brands w/Optional*
Codeman 1 PT	1 CR Injector	1 CR Injector	1 Pump Testing	All Brands w/Optional*
Codeman 2 PT	2 CR Injector	2 CR Injectors	1 Pump Testing	All Brands w/Optional*
CR1 PT	Optional	1 CR Injector	1 Pump Testing	All Brands w/Optional*
Codeman Express	1 CR Injector	1 CR Injector	-	All Brands w/Optional*
CR1 Express	Optional	1 CR Injector	-	All Brands w/Optional*





# CR CODE & TEST BENCHES

DAYEL DIESEL

## CODEMAN PLUS



Codeman PLUS+ Premium, Exact and fast CR injector and pump TESTING & CODING

4 Injector Coding, 4 Injector Testing, 1 Pump Testing

### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	15 Hp
High pressure pump pressure	0-2200 Bar (Opt. 2500 Bar)
Low Pressure	0,5 – 6 bar
RPM	0-4000 rpm adjustable
Flow Sensor Filter	20uM
Inj Flow Sensor Range	0.1 – 500 cc /min
Pump Flow Sensor Range	1-300 L/h
Dimensions (L x H x W)	1350x1600x750 mm
Weight	480 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	8 Kw



If you would like to only CR testing machine without coding, you could choose CR 4 Plus



### CR 4 Plus

4 Injector Testing, 1 Pump Testing

\*Code can be uploaded later if needed.

### Codeman Plus CR Inj, Pump Coding & Testing

Performing complete and accurate test of multi-brand CR injectors and Pumps

#### 4 Cylinder CR injector testing

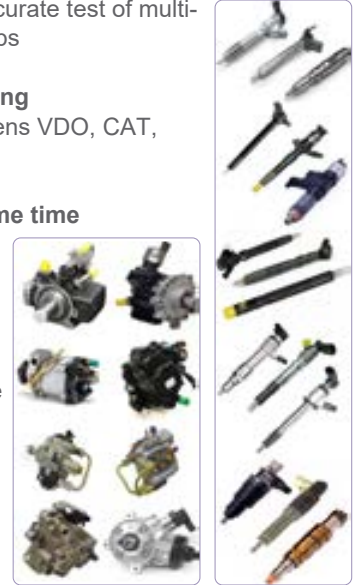
Bosch, Delphi, Denso, Siemens VDO, CAT, Scania

#### 4 injector coding at the same time

- Bosch Selenoid IMA
- Bosch Piezo ISA
- Delphi C2i/C3i/C4i
- Siemens IIC Coding
- Denso QR Coding
- Siemens 6&7 Digit Code

#### Pump testing

- Bosch CP1-CP3-CP4
- Delphi
- Denso HP3
- Siemens



For more pump types please request and contact us

Codeman Plus+ has reduced setup and test times as well as user friendly operation menu.

Sensitive flowmeters has capable to test injectors under 10 minutes in manual mode (4 flowmeters for 4 cylinders) Operation via 15,6" touch screen monitor Full automatic mode testing provides certain and fast results.

Ergonomic design , wide range injector fixtured area, Easy setup with 90 degree fittings and 2500 bar Flexi pipes.

With loaded CR pump test plans you can test;

- Efficiency of flow
- DRV or mprobe amperes and reaction
- Internal pressure
- Maximum pressure
- Start pressure and plunger status

There are 7 groups and over 3800 different test values in database, so each group offers perfect coding and testing for injectors.

Software updates and test plans can be loaded with remote desktop free of charge.

# CR CODE & TEST BENCHES

DAYEL DIESEL

## CODEMAN QUATTRO



Codeman Quattro Premium, Exact and fast CR injector TESTING & CODING

4 Injector Coding, 4 Injector Testing



Some injector and pumps required extra tools and equipments. Please contact us for optional tools.

### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	11 Hp
High pressure pump pressure	0-2200 Bar (Opt. 2500 Bar)
Flow Sensor Filter	20uM
Inj Flow Sensor Range	0.1 – 500 cc /min
Dimensions (L x H x W)	1350x1600x750 mm
Weight	440 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	6 Kw

### Codeman Quattro CR Injector Test Bench

Performing complete and accurate test of multi-brand CR injectors

#### 4 Cylinder CR injector testing

Bosch, Delphi, Denso, Siemens VDO, CAT, Scania

#### 4 injector coding at the same time

- Bosch Selenoid IMA
- Bosch Piezo ISA
- Delphi C2i/C3i/C4i
- Siemens IIC Coding
- Denso QR Coding
- Siemens 6&7 Digit Code



Codeman QUATTRO has reduced setup and test times as well as user friendly operation menu.

Sensitive flowmeters has capable to test injectors under 8 minutes in manual mode (4 flowmeters for 4 cylinders)

Operation via 15,6" touch screen monitor  
Full automatic and semi-automatic testing provides certain and fast results.

Ergonomic design , wide range injector fixtured area, Easy setup with 90 degree fittings and 2500 bar Flexi pipes. There are 7 groups and over 3000 different test values in database, so each group offers perfect coding and testing for injector.

Software updates and test plans can be loaded with remote desktop free of charge.



If you would like to only CR testing machine without coding & pump test, you could choose CR4 PCE



### CR4 PCE

4 Injector Testing

\*Code can be uploaded later if needed.

# CR CODE & TEST BENCHES

## DAYEL DIESEL

### CODEMAN TWIN

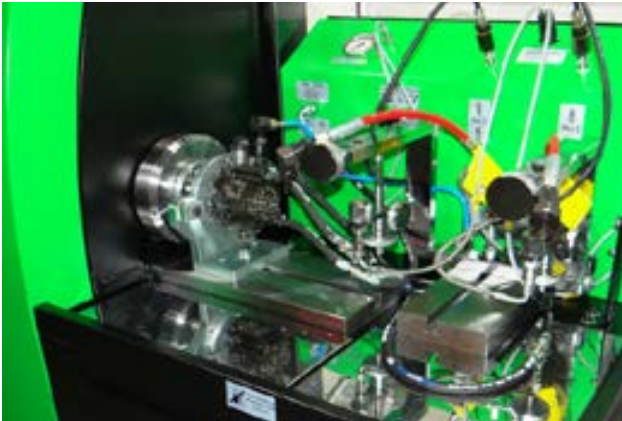


Codeman Twin Premium, Exact and fast CR injector TESTING & CODING

2 Injector Coding, 2 Injector Testing

#### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	11 Hp
High pressure pump pressure	0-2200 Bar (Opt. 2500 Bar)
Flow Sensor Filter	20uM
Inj Flow Sensor Range	0.1 – 500 cc /min
Dimensions (L x H x W)	1350x1600x750 mm
Weight	400 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	6 Kw



#### Codeman Twin CR Injector Test Bench

Performing complete and accurate test of multi-brand CR injectors

##### 2 Cylinder CR injector testing

Bosch, Delphi, Denso, Siemens VDO, CAT, Scania

##### 2 injector coding at the same time

- Bosch Selenoid IMA
- Bosch Piezo ISA
- Delphi C2i/C3i/C4i
- Siemens IIC Coding
- Denso QR Coding
- Siemens 6&7 Digit Code

It has reduced setup and test times as well as user friendly operation menu.

Sensitive flowmeters has capable to test injectors under 8 minutes in manual mode (2 flowmeters for 2 cylinders)

Operation via 15,6" touch screen monitor

Full automatic and semi-automatic testing provides certain and fast results.

Ergonomic design , wide range injector fixtured area, Easy setup with 90 degree fittings and 2500 bar Flexi pipes .

There are 7 groups and over 3000 different test values in database, so each group offers perfect coding and testing for injector .

Software updates and test plans can be loaded with remote desktop free of charge.



If you would like to only 2 CR injector testing machine without coding & pump test, you could choose CR2 PC



#### CR2 PC

2 Injector Testing

\*Code can be uploaded later if needed.

# CR CODE & TEST BENCHES

## DAYEL DIESEL

### CODEMAN 1 PT



Codeman 1 PT Premium, Exact and fast CR injector and Pump TESTING & CODING

1 Injector Coding, 1 Injector Testing, 1 Pump Testing

#### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	15 Hp
High pressure pump pressure	0-2200 Bar (Opt. 2500 Bar)
Low Pressure	0,5 – 6 bar
RPM	0-4000 rpm adjustable
Flow Sensor Filter	20uM
Inj Flow Sensor Range	0.1 – 500 cc /min
Pump Flow Sensor Range	1-300 L/h
Dimensions (L x H x W)	1350x1600x750 mm
Weight	460 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	8 Kw



If you would like to 2 CR injector testing & coding and pump testing, you could choose Codeman 2 PT



#### Codeman 2 PT

2 Injector Coding, 2 Injector Testing,  
1 Pump Testing

#### Codeman 1 PT CR Injector & Pump Test Bench

Performing complete and accurate test of multi-brand CR injectors and Pumps

##### 1 Cylinder CR injector testing

Bosch, Delphi, Denso, Siemens VDO, CAT, Scania

##### 1 injector coding at the same time

- Bosch Selenoid IMA
- Bosch Piezo ISA
- Delphi C2i/C3i/C4i
- Siemens IIC Coding
- Denso QR Coding
- Siemens 6&7 Digit Code

##### Pump testing

- Bosch CP1-CP3-CP4
- Delphi
- Denso HP3
- Siemens



For more pump types please request and contact us

##### With loaded CR pump test plans you can test;

- Efficiency of flow
- DRV or mprobe amperes and reaction
- Internal pressure
- Maximum pressure
- Start pressure and plunger status

There are 7 groups and over 3800 different test values in database, so each group offers perfect coding and testing for injectors.

Software updates and test plans can be loaded with remote desktop free of charge.

In coding section there are ready targets for most injectors and coding section can be used freely first 400 days.



If you would like to only 1 CR injector & pump test machine without coding, you could choose CR1 PT



#### CR1 PT

1 Injector Testing, Pump Testing

\*Code can be uploaded later if needed.



# CR CODE & TEST BENCHES

DAYEL DIESEL

## CODEMAN EXPRESS



Codeman Express Premium, Exact and fast CR injector TESTING & CODING

1 Injector Coding, 1 Injector Testing



### Codeman Express CR Injector Test Bench

Performing complete and accurate test of multi-brand CR injectors

#### 1 Cylinder CR injector testing

Bosch, Delphi, Denso, Siemens VDO, CAT, Scania

#### 1 injector coding at the same time

- Bosch Selenoid IMA
- Bosch Piezo ISA
- Delphi C2i/C3i/C4i
- Siemens IIC Coding
- Denso QR Coding
- Siemens 6&7 Digit Code

#### Technical Specifications

Supply voltage	AC 220 V (Opt. 380 V)
Motor Power	3 Hp
High pressure pump pressure	0-2200 Bar (Opt. 2500 Bar)
Flow Sensor Filter	20 µm
Inj Flow Sensor Range	0.1 – 500 cc /min
Oil Tank Capacity /Type	17 lt (ISO 4113)
Dimensions (L x H x W)	75 x 188 x 113 mm
Weight	300 Kg

## CR1 EXPRESS



CR1 Express Premium, Exact and fast CR injector TESTING

1 Injector Testing



### CR1 Express CR Injector Test Bench

Performing complete and accurate test of multi-brand CR injectors

#### 1 Cylinder CR injector testing

- Bosch
- Delphi
- Denso
- Siemens VDO
- CAT
- Scania

#### Technical Specifications

Supply voltage	AC 220 V
Motor Power	3 Hp
High pressure pump pressure	0-2200 Bar (Opt. 2500 Bar)
Flow Sensor Filter	20 µm
Inj Flow Sensor Range	0.1 – 500 cc /min
Oil Tank Capacity /Type	8 lt (ISO 4113)
Dimensions (L x H x W)	600x1050(+40)x650 mm
Weight	140 Kg

# CR CODE & TEST BENCHES

DAYEL DIESEL

## CRST 600



CR Stage 3 Injector Repair & Calibration Bench

CRST 600 stage 3 is a calibration bench for BOSCH CRI 1.0 2.0, 2.1 2.2 CRIN and some DENSO type injectors.

You can calibrate 4 injector under 30 minute as fabrication standart.  
These injectors need at 5 points adjustments with digital gauges.

- Magnet shim
- Air gap shim under magnet.
- Pilot adjustment from ball lift.
- Opening pressure or Idle speed adjustment.
- Needle lift adjustment.

### Technical Specifications

Supply Voltage	220 V AC
Dimensions (L x H x W)	180x190x520 mm
Weight	180 kg (net)
Power Output (duration)	750 Watt



### CRST 600 Stage 3 Repair & Calibration Bench

Computer aided program includes illustrated instructions to continue step by step.

You can check and compare the current rising time (CRT) and Mili henry values between good injectors and solve the hard problems which test bench can not shows .

With digital microscope you can see the problematic part inside of the injector before adjustment.

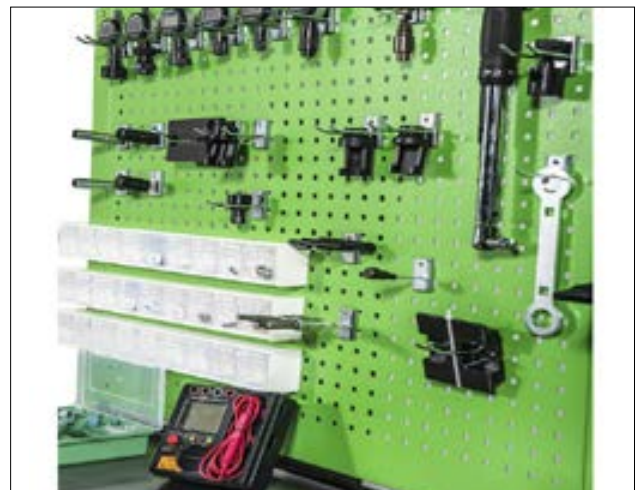
Insulation meter shows you the status of the coil between body.

With serial number those following data's come automatically;

- Vehicle data
- 4 adjustment values
- 3 most important spare parts numbers
- 3 torq value pilot, magnet and nozzle holder

There are 2 groups and over 500 different serials in database, so each group offers perfect calibration for injectors

Software updates and test plans can be loaded with remote desktop free of charge. Please check the inculed accesories and tools from the below tab



# CR CODE & TEST BENCHES

## DAYEL DIESEL



### CRST 301 Stage 3 Calibration Tester

Performing complete and accurate test of multi-brand CR pumps.

You can calibrate 4 injector under 30 minute as fabrication standard.

Computer aided program includes illustrated instructions to continue step by step .

You can check and compare the current rising time (CRT) and Mili henry values between good injectors and solve the hard problems which test bench can not shows.

**With serial number those following data's come automatically;**

- Vehicle data
- 4 adjustment values
- 3 most important spare parts numbers
- 3 torq value pilot, magnet and nozzle holder

There are 2 groups and over 500 different serials in database, so each group offers perfect calibration for injectors

Software updates and test plans can be loaded with remote desktop free of charge.



\* This product include only program in package. You need to install it your own computer.



### CRPT 04 Pump Testing & Regulator

CRPT 04 has reduced setup and test times as well as user friendly operation menu.

Sensitive flowmeters has capable to test pump under 10 minutes.

It has a special rail and rail sensor to regulate and measure the pressure in a protected cabinet.

Operation via 12" touch screen monitor.

Easy setup with 90 degree fittings and 2500 bar Flexi pipes.

**With loaded CR pump test plans you can test;**

- Efficiency of flow
- DRV or mprobe amperes and reaction
- Internal pressure
- Maximum pressure
- Start pressure and plunger status

There are 4 groups and over 800 different test values in database, so each group offers perfect testing for injector and pumps.

Software updates and test plans can be loaded with remote desktop free of charge.



For more pump types please request and contact us



\*This simulator needs to be used by a mechanical test bench (min 7,5kw motor power)

# EUI, EUP & HEUI TEST SYSTEMS

## DAYEL DIESEL

### »» EUI, EUP & HEUI Test Systems



**UNIT PC EG**  
Unit Injector Test  
Unit Pump Test



**UNIT S PC CAMBOX**  
Unit Injector Test  
Unit Pump Test



**DYL 811 CAMBOX**  
Unit Injector Test  
Unit Pump Test



**HEUI PT**  
HEUI Injector Test  
HEUI Pump Test

Products	Features	
UNIT PC EG	Unit Injector Test	Unit Pump Test
UNIT S PC CAMBOX	Unit Injector Test	Unit Pump Test
HEUI PT	HEUI Injector Test	HEUI Pump Test
DYL 811 CAMBOX	Unit Injector Test	Unit Pump Test



# EUI, EUP & HEUI TEST SYSTEMS

## DAYEL DIESEL

### UNIT PC EG



UNIT PC EG Premium, Exact and fast EUI and EUP TESTING

Performing complete and accurate test of multi-brand injectors and Pumps

New CAMBOX designed with 5 section original cam;

- VW
- Volvo-Iveco-Scania, Renault
- MB Axor,Atego
- MB Actross,DAF, Mack
- Cummins



Some injector and pumps required extra tools and equipments. Please contact us for optional tools.

#### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	15 Hp
Low Pressure	1 – 8 bar
RPM	0-2000 rpm adjustable
Inj Weight Sensor Range	0.1 – 500 cc /min
Back Flow Sensor Range	1-300 L/h
Dimensions (L x H x W)	180x165x87 cm
Weight	660 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	8 Kw

#### UNIT PC EG Unit Injector Test Bench

New CAMBOX designed with 5 section original cam;

- VW
- Volvo-Iveco-Scania, Renault
- MB Axor,Atego
- MB Actross,DAF, Mack
- Cummins

Test plan is divided to 5 groups.

- Bosch PKW (VW group)
- Bosch LKW (MB,DAF,IVECO.SCANIA...)
- Delphi Volvo group (FH 12, 2 pin,4 pin)
- Cummins & CAT & Detroit USA group
- Siemens piezo

UNIT PC EG has reduced setup and test times as well as user friendly operation menu.

Controls all types and makes of unit injectors & pumps. Actuator valve measurement via BIP sensor and delay time measurements with follow oscilloscope.

Easy and oil free change of cam with sliding plate. Perfect angle resetting for each cam shafts.

Dynamic electronic mass measurement.

You can check the unit injectors such as Cummins,

Caterpillar, Detroit, and and injection system HPI (optional) It contains test plans of injector and pump types of many brands in the market.

Software updates and test plans can be loaded with remote desktop free of charge.

10 pieces adaptors is given free by the bench



# EUI, EUP & HEUI TEST SYSTEMS

## DAYEL DIESEL

### DYL 811 CAMBOX



Premium, Exact and fast EUI&EUP TESTING with traditional DYL811 cabinet

Performing complete and accurate test of multi-brand EUI&EUP injectors and Pumps

New CAMBOX designed with 5 section original cam;

- 1.Cam VW
- 2.Cam Cummins
- 3.Cam Volvo-Iveco-Scania, Renault
- 4.Cam MB Axor,Atego
- 5.Cam MB Actross,DAF, Mack



\* It is not possible to test Mechanical type fuel pumps on this model.

#### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	15 Hp
Low Pressure (1)	0,5 – 8 bar
RPM	0-2000 rpm adjustable
Inj Weight Sensor Range	0.1 – 500 cc /min
Back Flow Sensor Range	1-300 L/h
Dimensions (L x H x W)	1800x1750x750(+200) cm
Weight	700 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	8 Kw

#### DYL 811 Cambox Test Bench

New CAMBOX designed with 5 section original cam;

- 1.cam VW
- 2.cam Cummins
- 3.cam Volvo-Iveco-Scania,
- 4.cam MB Axor,Atego
- 5.cam MB Actross,DAF, Mack, Renault

Test plans consist of 5 groups.

- Bosch PKW (VW-AUDI-SEAT-SKODA)
- Bosch LKW (MB,DAF,IVECO.SCANIA...)
- Delphi Volvo group (FH 12, 2 pin,4 pin)
- Cummins & CAT & Detroit USA group
- Siemens piezo (BKP)

With fast assembly and easy adjustment also user friendly program enables tests and determinations to be achieved very quickly

Actuator valve measurement via BIP sensor and delay time(response time) measurements with follow oscilloscope.

Easy and oil free change of cam with a special designed sliding plate.

Perfect angle resetting with 360 pulse encoder for each cam shafts.

Dynamic electronic mass measurement for quantity

You can check the unit injectors such as Cummins, Caterpillar, Detroit, Delphi Euro 6 and Scania HPI (optional)

It contains test plans of most injector and pump types in the market.

Robust compact design with all steel frame construction

Perfect test oil heating and cooling system with tank level control

Software updates and test plans can be loaded with remote desktop free of charge.



# EUI, EUP & HEUI TEST SYSTEMS

## DAYEL DIESEL

### UNIT S PC CAMBOX



Unit S PC has designed to injector spraying testing.

#### New CAMBOX designed with 5 section original cam;

- 1.cam VW
- 2.cam Cummins
- 3.cam Volvo-Iveco-Scania, Renault
- 4.cam MB Axor,Atego
- 5.cam MB Actross,DAF, Mack



\* A traditional test bench must be used with this Simulator and cambox (min 11 kW)



Some injector and pumps required extra tools and equipments. Please contact us for optional tools.

#### Technical Specifications

Supply voltage	AC 220 V
Min Required Motor Power	11 kW
Required Low Pressure	1 – 8 bar
Required RPM of AC motor	0-2000 rpm adjustable
Dimensions (L x H x W)	1200x1550x500 mm
Weight	180 Kg

#### Unit S PC Cambox Unit Injector Test Regulator

New CAMBOX designed with 5 section original cam;

- 1.cam VW
- 2.cam Cummins
- 3.cam Volvo-Iveco-Scania,
- 4.cam MB Axor,Atego
- 5.cam MB Actross,DAF, Mack, Renault

Test plans consist of 5 groups

- Bosch PKW (VW-AUDI-SEAT-SKODA)
- Bosch LKW (MB,DAF,IVECO.SCANIA...)
- Delphi Volvo group (FH 12, 2 pin,4 pin)
- Cummins & CAT & Detroit USA group
- Siemens piezo (BKP)

With fast assembly and easy adjustment also user friendly program enables tests and determinations to be achieved very quickly

Actuator valve measurement via BIP sensor and delay time(response time) measurements with follow oscilloscope.

Easy and oil free change of cam with a special designed sliding plate.

Perfect angle resetting with 360 pulse encoder for each cam shafts.

Dynamic electronic mass measurement for quantity. (OPTIONAL)

Trolley of the machine helps you slide the cambox to your own bench.

You can check the unit injectors such as Cummins, Caterpillar, Detroit, Delphi Euro 6 and injection system of Scania HPI (optional)

It contains test plans of most injector and pump types in the market.

Software updates and test plans can be loaded with remote desktop free of charge.

10 pieces adaptors is given free with the bench



# EUI, EUP & HEUI TEST SYSTEMS

## DAYEL DIESEL

### HEUI PT



Premium, Exact and fast HEUI TESTING

HEUI injector test bench is applied to test;

- CAT C7
- CAT C9
- CAT 3126 (Ford 7.3)
- CAT 3408
- FORD Powerstroke (4 pin)\*\*
- Isuzu Trooper \*\*

Also You can able to test C7/C9 high pressure pumps as optional.

#### HEUI PT Test Bench

HEUI injector test bench is applied to test;

- CAT C7
- CAT C9
- CAT 3126 (Ford 7.3)
- CAT 3408
- FORD Powerstroke (4 pin)\*\*
- Isuzu Trooper \*\*

Also You can able to test C7/C9 high pressure pumps as optional.

Vertical layout and glazed housing, allows easier assembly for testing and better view of return backflow .

The hydraulics designed and built for a high output working pressure of 300 bar.

Hydraulic System sets pressure automatically, testing continues without interruption

There are 2 separate tanks for Iso test oil and hydrolic oil Tank level and tempature control with efficiency cooling and heating system.

Dynamic electronic mass measurement for quantity There are ready-made test plan templates for different models and brands

New test plans can be created or copied very easily with new heui software.

#### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	15 Hp
High pressure pump pressure	0-300 Bar
Low Pressure	0,5 – 6 bar
RPM	0-4000 rpm adjustable
Flow Sensor Filter	20uM
Inj Flow Sensor Range	0.1 – 500 cc /min
Pump Flow Sensor Range	1-300 L/h
Dimensions (L x H x W)	1350x1500x750 mm
Weight	460 Kg
Hydrolic Oil Tank Capacity/Type	18 lt (ISO 4113)
Fuel Oil Tank Capacity/Type	8 lt (NR10)





# GRINDING - LAPPING SYSTEMS

DAYEL DIESEL

## GRD-01 SHIM GRINDING MACHINE



This machine helps you to reduce thickness of shims and plates.

### You can use this machine for

- Denso Valves
- Plates, Tappets
- Shims
- Washers

## LAP-01 VALVE LAPPING MACHINE



Lapping machine for CR injector valves

### General features

- Vibromachines in a protective casing
- Table height adjustment with the screw.
- Compact design.

## GRD-02 NOZZLE GRINDING MACHINE



Grinding machine for needles of nozzles , with rotation speed indicators. The GRD-02 machine is used for sharpening needles of atomizers and other bodies of rotation.

The control of the speed of rotation of the spindle and the processed body is regulated by means of rotary knobs located on the control panel.

Adjusting the brightness of the lower illumination of the processed body of rotation is performed using the rotary knob located in the upper part of the control panel.

The control panel has a general power switch for the machine and three power switches on.

## GRD-02 VALVE LEAKAGE CONTROL



# MECHANIC PUMP TEST & AUXILIARY BENCHES

## DAYEL DIESEL

### »» Mechanic Pump Test & Auxiliary Benches



**EDC PC**  
VE EDC Pump Test  
P&H EDC Pump Test



**DYL 811 CLASSIC**  
Mechanic Pump Test



**DYL 811 MEC-CAM**  
Mechanic Pump Test  
Unit Injector Test  
Unit Pump Test



**DYL 811 MEC-CRP**  
Mechanic Pump Test  
CR Pump Test



**CRPT 04**  
COMMON RAIL SIMULATOR



**UNIT S PC**  
UNIT PUMP TEST



**VP44 PC**



**PC EDC PUMP**  
SIMULATOR



# MECHANIC PUMP TEST & AUXILIARY BENCHES

## DAYEL DIESEL

### DYL 811 CLASSIC



DYL 811 Premium, Exact and fast pump testing with 12 cylinder glass measurement and 15 hp motor power

DYL811 direct drive test stand and is principally designed for the calibration of mechanical fuel injection pumps,

#### Here is some brands;

- BOSCH
- DELPHI
- STANADYN
- DENSO
- ZEXEL



There are some optional tools and equipments for other models.

#### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	15 Hp (optional 22 Hp)
Low Pressure (1)	0,5 – 8 bar
Low Pressure (2)	4 – 40 bar
RPM	0-4000 rpm adjustable
Back Flow Sensor Range	1-300 L/h
Dimensions (L x H x W)	1800x1750x750(+200) mm
Weight	650 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	8 Kw

#### DYL 811 Classic Mechanic Pump Test Bench

With fast assembly and easy adjustment also user friendly program enables tests and determinations to be achieved very quickly.

Display of pump output and test stand operating data via 15.6 " PC.

Flow and Temp. Measurement of oil return of distributing pump with digital German flowmeters

Testing of the electromagnetic valve of distributor pump. (12V/24V)

Measurement of the internal pressure of distributor pump.

Independently driven two supply pumps( 0-10 bar and 0-40 bar)

Robust compact design with all steel frame construction

Dual scale graduates 12 pcs 0-45cc and 12 pcs 0-150cc capacity of measuring range

Perfect test oil heating and cooling system with tank level control

Checking the travel of stroke (optional)

It contains test plans of most pump types in the market.

Software updates and test plans can be loaded with remote desktop free of charge.



You could upgrade your test bench motor to 22 Hp as optional



# MECHANIC PUMP TEST & AUXILIARY BENCHES

## DAYEL DIESEL

### DYL 811 MEC-CAM



DYL811 MEC-CAM direct drive test stand and is principally designed for the calibration of mechanical fuel injection pumps and EUI & EUP

Mechanical Fuel pumps  
12 Cylinder measurement and 15 HP motor power

- Bosch
- Delphi
- Stanadyn
- Denso
- Zexel

#### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	15 Hp (optional 22 Hp)
Low Pressure (1)	0,5 – 8 bar
Low Pressure (2)	4 – 40 bar
RPM	0-4000 rpm adjustable
Inj Weight Sensor Range	0.1 – 500 cc /min
Back Flow Sensor Range	1-300 L/h
Dimensions (L x H x W)	1800x1750x750(+200) mm
Weight	850 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	8 Kw



#### DYL 811 MEC-CAM (Mechanic + Cambox)

New CAMBOX designed with 5 section original cam;

- 1.Cam VW
- 2.Cam Cummins
- 3.Cam Volvo-Iveco-Scania, Renault
- 4.Cam MB Axor,Atego
- 5.Cam MB Actross,DAF, Mack

Test plans consist of 5 groups.

- Bosch PKW (VW-AUDI-SEAT-SKODA)
- Bosch LKW (MB,DAF,IVECO.SCANIA...)
- Delphi Volvo group (FH 12, 2 pin,4 pin)
- Cummins & CAT &
- Detroit USA group
- Siemens piezo (BKP)

With fast assembly and easy adjustment also user friendly program enables tests and determinations to be achieved very quickly.

Robust compact design with all steel frame construction  
Display of pump output and test stand operating data via 15.6 " PC.

Independently driven two supply pumps( 0-10 bar and 0-40 bar)  
Perfect test oil heating and cooling system with tank level control  
It contains test plans of most pump types in the market.

Software updates and test plans can be loaded with remote desktop free of charge.

Flow and Temp. Measurement of oil return of distributing pump with digital german flowmeters

#### MECHANICAL PUMP TESTING

- Testing of the electromagnetic valve of distributor pump. (12V/24V)
- Measurement of the internal pressure of distributor pump.
- Dual scale graduates 12 pcs 0-45cc and 12 pcs 0-150cc capacity of measuring range
- Checking the travel of stroke (optional)

#### EUI AND EUP TESTING

- Actuator valve measurement via BIP sensor and delay time(response time) measurements with follow oscilloscope.
- Easy and oil free change of cam with a special designed sliding plate.
- Perfect angle resetting with 360 pulse encoder for each cam shafts.
- Dynamic electronic mass measurement for quantity
- You can check the unit injectors such as Cummins, Caterpillar, Detroit, Delphi Euro 6 and Scania HPI (optional)



# MECHANIC PUMP TEST & AUXILIARY BENCHES

## DAYEL DIESEL

### DYL 811 MEC-CRP



DYL811 MEC-CRP direct drive test stand and is principally designed for the calibration of mechanical fuel injection pumps and CR type pumps.

Mechanical Fuel pumps  
12 Cylinder measurement and 15 HP motor power

- Bosch
- Delphi
- Stanadyn
- Denso
- Zexel

#### Technical Specifications

Supply voltage	AC 380 (3P+N+GND)
Motor Power	15 Hp (optional 22 Hp)
Low Pressure (1)	0,5 – 8 bar
Low Pressure (2)	4 – 40 bar
RPM	0-2000 rpm adjustable
High pressure sensor	0-2200 Bar
Flow Sensor Range	1-300 L/h
Dimensions (L x H x W)	1800x1750x750(+200) mm
Weight	750 Kg
Oil Tank Capacity/Type	20 lt (ISO 4113)
Power Output (duration)	8 Kw



#### DYL 811 MEC-CRP (Mechanic + CR Pump)

Performing complete and accurate test of multi-brand CR pumps.

- Bosch CP1-CP3-CP4
- Delphi
- Denso HP3
- Siemens



With fast assembly and easy adjustment also user friendly program enables tests and determinations to be achieved very quickly.

Robust compact design with all steel frame construction  
Display of pump output and test stand operating data via 15.6 " PC.

Independently driven two supply pumps( 0-10 bar and 0-40 bar)  
Perfect test oil heating and cooling system with tank level control  
It contains test plans of most pump types in the market.  
Software updates and test plans can be loaded with remote desktop free of charge.

#### MECHANICAL PUMP TESTING

- Testing of the electromagnetic valve of distributor pump. (12V/24V)
- Measurement of the internal pressure of distributor pump.
- Dual scale graduates 12 pcs 0-45cc and 12 pcs 0-150cc capacity of measuring range
- Flow and Temp. Measurement of oil return of distributing pump with digital german flowmeters
- Checking the travel of stroke (optional)

#### COMMON RAIL PUMP TESTING

Sensitive flowmeters has capable to test pump under 10 minutes in auto mode  
Full automatic and manual mode testing provides certain and fast results.  
Easy setup with 90 degree fittings and 2500 bar Flexi pipes .

#### With loaded CR pump test plans you can test;

- Efficiency of flow
- DRV or mprobe amperes and reaction
- Internal pressure
- Maximum pressure
- Start pressure and plunger status

There are 4 groups and over 800 different test values in database, so each group offers perfect testing for injector and pumps.

# MECHANIC PUMP TEST & AUXILIARY BENCHES

## DAYEL DIESEL

### EDC PC



Premium, exact and fast edc pump testing  
Performing complete and accurate test of multi-brand edc pumps

- Bosch VE pump
- Bosch Inline pumps
- Zexel and Doowon Covec pumps



\* A traditional test bench must be used with this Simulator and cambox (min 7.5 kW)



\*\*There are different type of cables for ve and inline types as optional.

### EDC PC Pump Testing

Premium, exact and fast edc pump testing  
Performing complete and accurate test of multi-brand edc pumps

- Bosch VE pump
- Bosch Inline pumps
- Zexel and Doowon Covec pumps

PCEDC 04 model is for P&H ve type edc pump regulator with pc controlled

It has and ossiloscobe which can Show the HDK problems

Test plans program is ready in the computer.

User friendly program is controlled by 14" touchscreen monitor.

You can settle the start milivolt as original simulators.

You can check the stop valve reaction also.



### Technical Specifications

Supply voltage	AC 220 V
Min Required Motor Power	7,5 Hp (For VE pumps)
Required Low Pressure	0,5 – 3 bar
Required RPM of AC motor	0-4000 rpm adjustable
Dimensions (L x H x W)	65x135x60 cm
Weight	90 Kg

# DAYEL DIESEL EDC

**ZEXEL BOSCH DOOWON**

**TEL: +90 212 671 22 33**

Model No. :	000000001	Bar :	1 000 700	Tarih :	4 Mayıs 2013	TEST
Marka Adı :	VW	Arac :	1.9 90I 08LP	Comptes :	15/14/49	
Bar - Kışık :	1 000 901 956 - 207 BAR	Kategori Seç :	000000001	Arac :		

NO	TEST STEP	RPM	MILIVOLT	ÖLCÜM	MINIMUM	MAXIMUM	NETİCE	GEÇERLİ
1	TRANSFER BAKIM	500	2200	5.50	5.50	7.30		
2	TRANSFER BAKIM	2.100	3.370	9.00	8.50	9.70		
3	AVANS	300	2.360	8.50	8.50	11.20		
4	AVANS	2.500	3.370	11.20	11.20	12.00		
5	TAMGAZ	2.500	3.370	11.20	11.20	12.00		
6	TAMGAZ	500	2.360	11.20	11.20	12.00		
7	ORTAGAZ	500	2.360	11.20	11.20	12.00		
8	KOLANET	400	1.640	8.50	8.50	11.00		
9	START	100	2.730	61.00	40.00	80.00		
10	STOP KONTROL	750	3.650	6.00	6.00	8.00		
11	GERİDONÖŞ	2.100	3.370	50	10	60		
12	BOSUN	40	-	0.70	0.40	1.0		
13	HDK	10	205	5.7	4.9	6.5		
14	DEVİR MÜĞİR	-	-	-	-	-		
15	BİÇAKLIK MÜĞİR	5-6	XX	2000	1200	6000		

# GASOLINE INJECTOR TEST SYSTEMS

## DAYEL DIESEL

### GDI-01



GDI-01 Premium, Exact and fast Gasoline Direct injector testing.

Performing complete and accurate test of multi-brand GDI injectors.

- Bosch
- Denso
- Siemens VDO
- Magneti Marelli

#### Technical Specifications

Supply voltage	AC 220 V
Motor Power	3 Hp
High pressure pump pressure	0-800 Bar
Flow Sensor Filter	20 uM
Inj Flow Sensor Range	0.1 – 500 cc /min
Oil Tank Capacity /Type	8 lt (ISO 4113)
Dimensions (L x H x W)	600×1050(+40)×650 mm
Weight	130 Kg



#### GDI-01 Gasoline Injector Test Bench

GDI EXPRESS has reduced setup and test times as well as user friendly operation menu.

Sensitive flowmeters has capable to test injectors under 8 minutes in manual mode

Operation via 12" touch screen monitor.  
Coil empedance and piezo capicatanace test before tests.

Full automatic and semi-automatic testing provides certain and fast results.  
Ergonomic design and airmatic guard cover.

Spray pattern check and backflush function  
Easy setup with special fittings and 1000 bar Flexi pipes.

Comprehensive test plan with simple pass/fail criteria.

There are ready-made test plan templates for different models and brands.

New test plans can be created or copied very easily with new software.

You can take report after testing.



# DPF PARTICULATE FILTER CLEANER

## DAYEL DIESEL

### PFC-01



This machine is designed for passenger cars, light commercial vehicles's particulate filters and catalysts. It is a great solution for car services and remanufacturing work-shops.

#### Cleans all Car and Light Commercial;

- DPF: Diesel Particulate Filter
- GPF: Gasoline Particulate Filter
- SCR: Selective Catalyst Reduction
- CAT: Catalyst
- DOC: Diesel Oxidation Catalyst

#### Technical Specifications (PFC-01)

Supply voltage	3 PH + T+N – Volt 380/400
Inside Washing Capacity	1400x700x1300 mm
Tank Capacity	1x200 lt
Water Pump Capacity	3 hp (steamless steel 316) 250 lt/min
Dia meter of Water hoses	2 inch
Filtration System	Twin and serial/ 25 and 50 micron
Drying Cap. /Max Degree	400 M3/h / 80 DEGREE
Air Tank Capacity	25 lt / 10 Bar
External Dimensions	180 x 111 x 200 cm
Weight	700 Kg
Blower	4 kW (5.5 hp) single layer

#### PFC-01 DPF Cleaning Machine

Clean and Test Progress is;

- Checkup Pressure test
- Pre-Washing
- Detergent Washing
- Rinsing
- Spitting and Drying
- Final Checkup test

PFC-01 keeps the cleaning quality at the highest level with its special programs.

Machine has capable to clean the Particulate filters under 20 minutes in auto mode with circulation system (Express mode)

Operation via 12" touch screen monitor.

Check up test before cleaning and final check after cleaning and drying (as mbar)  
Save and print out facilities

Wide range stainless steel particulate filter cleaning area and easy fittings and fixtures

Automatic tank water filling with tank level control sensors and 2 filtration system.  
200 Liter Tank with double heater resistance.

It's made from stainless steel.

Digital input air pressure measuring and warning system integrated drying system with professional blowers.  
Biodegradable good quality chemicals



PFC-01 model is for sedan and light commercial vehicles. Please choose the PFC-02 model if you need the DPF for heavy commercial vehicles.





# DPF PARTICULATE FILTER CLEANER

## DAYEL DIESEL

### PFC-02



This machine is designed for heavy duty commercial vehicles, truck's particulate filters and catalysts. It is a great solution for car services and remanufacturing work-shops.

#### Cleans all Heavy Commercial Vehicles;

- DPF: Diesel Particulate Filter
- GPF: Gasoline Particulate Filter
- SCR: Selective Catalyst Reduction
- CAT: Catalyst
- DOC: Diesel Oxidation Catalyst

#### Technical Specifications (PFC-02)

Supply voltage	3 PH + T+N – Volt 380/400
Inside Washing Capacity	1400x700x1300 mm
Tank Capacity	1×200 lt
Water Pump Capacity	3 hp (steamless steel 316) 250 lt/min
Dia meter of Water hoses	2 inch
Filtration System	Twin and serial/ 25 and 50 micron
Drying Cap. /Max Degree	520 M3/h / 80 DEGREE
Air Tank Capacity	25 lt / 10 Bar
External Dimensions	180 x 111 x 200 cm
Weight	700 Kg
Blower	7.5 kW (10 hp) double layer

#### PFC-02 DPF Cleaning Machine

Clean and Test Progress is;

- Checkup Pressure test
- Pre-Washing
- Detergent Washing
- Rinsing
- Spitting and Drying
- Final Checkup test

PFC-02 keeps the cleaning quality at the highest level with its special programs.

Machine has capable to clean the Particulate filters under 20 minutes in auto mode with circulation system (Express mode)

Automatic tank water filling with tank level control sensors and 2 filtration system.

200 Liter Tank with double heater resistance.

It's made from stainless steel.

Digital input air pressure measuring and warning system integrated drying system with professional blowers.

Biodegradable good quality chemicals



# DPF PARTICULATE FILTER CLEANER

## DAYEL DIESEL

### PFC-03



This machine is designed for passenger cars and light commercials's filters and catalysts. It is a great solution for car services and remanufacturing workshops.

#### Cleans all Car and Light Commercial;

- DPF: Diesel Particulate Filter
- GPF: Gasoline Particulate Filter
- SCR: Selective Catalyst Reduction
- CAT: Catalyst
- DOC: Diesel Oxidation Catalyst

#### Technical Specifications (PFC-03)

Supply voltage	3 PH + T+N – Volt 380/400
Inside Washing Capacity	850x620x195 mm
Tank Capacity	1x60 lt
Water Pump Capacity	1.5 hp (steamless steel 316) 25 m³/h
Dia meter of Water hoses	1 1/4 inch
Filtration System	50 micron
Drying Cap. / Max Degree	400 M³/h / 80°C
Air Tank Capacity	10 lt / 10 Bar
External Dimensions	180 x 111 x 200 cm
Weight	300 Kg
Blower	4 kW (5.5 hp) single layer

#### PFC-03 DPF Cleaning Machine

Clean and Test Progress is;

- Checkup Pressure test
- Pre-Washing
- Detergent Washing
- Rinsing
- Spitting and Drying
- Final Checkup test

PFC-03 keeps the cleaning quality at the highest level with its special programs.

Machine has capable to clean the Particulate filters under 20 minutes in auto mode with circulation system (Express mode)

Operation via 12" touch screen monitor

Check up test before cleaning and final check after cleaning and drying (as mbar)

Save and print out facilities

Stainless steel particulate filter cleaning area and easy fittings and fixtures

Automatic tank water filling with tank level control sensors and 2 good filtration system.

100 Liter Tank with heater resistance.

Cleaning cabinet made from stainless steel.

Digital input air pressure measuring and warning system integrated drying system with professional blowers.

Biodegradable good quality chemicals.



PFC-03 model is for sedan and light commercial vehicles. Please choose the PFC-02 model if you need the DPF for heavy commercial vehicles.



# DPF PARTICULATE FILTER CLEANER

## DAYEL DIESEL

### EDIT-01 CARBON



Edit 01 Carbon Clean helps you to restore the original performance of your car and avoid expensive repair with its special program and dedicated additives. It is a great solution for car services!

#### Sections and parts we clean are as follows;

- Diesel Injectors
- Gasoline Injectors
- Combustion space,
- EGR
- DPF and CAT

#### Technical Specifications

Supply voltage	AC 220 V
Dimensions (L x H x W)	650 x1350X 600 mm
Weight	100 Kg

#### EDIT-01 Carbon Clean

Sections and parts we clean are as follows;

- Diesel Injectors
- Gasoline Injectors
- Combustion space,
- EGR
- DPF and CAT

EDIT 01 Carbon Clean keeps the cleaning quality at the highest level with its special programs and additives.

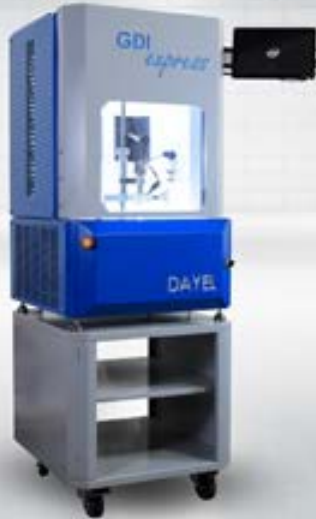
An "EDIT" cleaning every 20,000 km allows your customer to pass the vehicle inspection and avoid the replacement of engine parts

Our experts constantly improve our products based on the experience of our field professionals and on the technological evolution of the car manufacturers.



# THE BEST SOLUTION FOR CAR SERVICES

## DAYEL DIESEL



### CR1 Express Common Rail Inj. Test Bench

Performing complete and accurate test of multi-brand CR injectors

#### 1 Cylinder CR injector testing

- Bosch
- Delphi
- Denso
- Siemens VDO
- CAT
- Scania



### GDI-01 Gasoline Injector Test Bench

GDI-01 Premium, Exact and fast Gasoline Direct injector testing.

Performing complete and accurate test of multi-brand GDI injectors.

- Bosch
- Denso
- Siemens VDO
- Magneti Marelli



### PFC-03 DPF Cleaner

PFC-03 Premium, Exact and fast DPF Cleaner machine.

Cleans all Car and Light Commercial;

- DPF: Diesel Particulate Filter
- GPF: Gasoline Particulate Filter
- SCR: Selective Catalyst Reduction
- CAT: Catalyst
- DOC: Diesel Oxidation Catalyst





# THE BEST SOLUTION FOR CAR SERVICES

## DAYEL DIESEL

### The Best Solution for Car Services!

The big problems for services are long repair time and expensive repair costs.

The customers are not glad for these costs and time.

The below 3 systems repairs are very expensive

But we offer to you their diagnose and solutions are very faster, cheaper and easy to use with our 3 systems.

**CR injector test, GDI injector test, DPF exhaust cleaning.**



**IMPROVE YOUR SERVICE QUALITY  
AND SAVE MONEY & TIME TO HAVE  
SATISFIED CUSTOMERS**

**CR1 Express;** CR Common Rail Injector test; You can test every single injector after 5 min. Warming time and 5 min. test time, totally 10 min.

There are 4 main brands totally 5.000 CR injector test plans reloaded inside for Bosch selonoid, Bosch Piezo, Bosch Truck, Delphi selonoid, Denso selonoid, Denso Piezo, VDO piezo



#### **PFC-03 DPF Exhaust Cleaning Bench;**

Now new Euro 5 & 6 cars use DPF's and they are more expensive than their injectors.

The DPFs are easily clogged in big cities or mountain ares.

The services easily clean in this bench in 1 hour with cheaper soot and ash chemicals.

We can give also results from a printer before and after test as milibar. The customer will believe you it is OK



**GDI Gasoline Injector Injector Test Bench;** Mostly in USA and Europe cars passed to GDI injector engines. Bosch and VDO-Siemens GDI injectors. They use 300 bar instead of 3 bar pressure.

The manufacturers made them non repaired, but we can test first which injectors damaged.

So we can changed only damaged injectors.

Also we have reverse cleaning set to save damaged injectors if possible.





CR TRUCK TEST  
ADAPTERS



DENSO EXTRACTOR  
SET



CR INJECTOR EASY  
CONNECT APARAT



DIGITAL MICROSCOPE



CAT CR 6.6  
DISASSEMBLY TOOL



PR-03 PRESSURE  
METER



BODY AIRGAP  
MEASUREMENT TOOL  
AND DIAL GAUGE



SHIM THICKNESS  
0,01 mm



AHE GAUGE  
0,001 mm



AHE GAUGE  
0,01 mm



BOSCH PIEZO RETURN  
HOSE 10 BAR



BOSCH PIEZO  
AIR EXTRACTOR  
PROFESSIONAL



BACK FLOW GLASSES  
FOR ON CAR



BOSCH VALVE  
LEAKAGE BENCH



SIEMENS CR VALVE  
TOOL



HIGH PRESSURE PIPE  
52CM /80 CM 2500 BAR



TORQMETER



MEGER PIEZO TESTER  
& COIL LEAK TEST



SCANIA EU 6 CR  
EXTRACTOR



CR CAR &TRUCK  
VALVE EXTRACTOR

### LAPP SETS



BOSCH EUP EUI LAPP  
SET FINE



BOSCH EUP EUI LAPP  
SET GROB



BOSCH EUP EUI PLATE  
GAUGE



IVECO STRALIS EU 6  
LAPP SET



VW 1,9&2,0 LAPP SET

### TEST TOOLS



VW TOOL SET



CAT HEUI C7-C9  
DISASSEMBLY TOOL



PUMP COUPLINGS 17  
mm/ 19 mm / 22 mm/25  
mm /30 mm



NOZZLE CLEANER  
ULTRASONIC BATH  
2 LT/ 4LT /6 LT



NOZZLE TESTERS

### TEST ADAPTERS



NOZZLE TEST  
ADAPTORS



UNIT TEST ADAPTORS



VOLVO EU 6 TEST SET



CUMMINS R HPI TEST  
SET



CR PUMP INLET PRES.  
TEST SET

### EXTRACTORS



VOLVO E1/E3 ALU.  
EXTRACTOR



VOLVO E1/E3  
EXTRACTOR SET



DAF EUP EXTRACTOR  
COIL



DAF EUP EXTRACTOR



DAF SMART  
EXTRACTOR

# DAYEL DIESEL IS PROUD TO BE REPRESENTED ACROSS THE WORLD



## DAYEL DIESEL PRODUCT CATALOG 2023



### Manufacture

Diesel Test Benches, CR systems, DPF  
Cleaning Machines & Accessories



### Service

We provide after sale service for all our  
products



### Spare Parts

Nozzles, valves, injectors and pumps , CR  
injector spare parts, tools



### Academy

We have diesel training programs, contact us  
to get more info about Dayel Academy



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