

2025 CATALOG

TEST BENCHES FOR COMMON RAIL INJECTORS AND PUMPS



SDR/IPR - Testing machines for Common Rail injectors and pumps

Fully automatic procedure
Testing and coding
100% Made in Europe



SDR - Test benches for Common Rail injectors

- Equipped with our control electronics and measuring system
Ecoline CR PC-22 + Weight (testing) or
Ecoline CRPC-25 PRO (Testing + coding)
- Latest generation of test benches (PC / Software controlled with digital measurement - precision of 0.1 mL).
- No training required !
Just select injector model/number (written on injector) and click on **START**. Machine will perform all the selected tests (Number of tests are different for some models of injectors) :
Some injectors have up to 15 test points, but basic tests are :
 - Static Leak
 - VL - Full Load
 - LL - Idle
 - VE - PreInjection
 - TL - Part Load

You can print or save test results . Current database contains over 2700 models of injectors. Updates are free of charge !

All brands of injectors are supported (el.magnetic and piezo electric)
(Bosch , Delphi, Denso, Siemens/VDO/Continental ...)

Video of our most affordable test bench (model Start) in action.

<https://youtu.be/QS4dlmNDY9g>

SDR - START

Basic configuration:

3 KW /1400rpm motor

Bosch CP3 HP pump

Bosch Rail

Bosch sensor 2000 bar

Bosch pressure regulator (DRV)

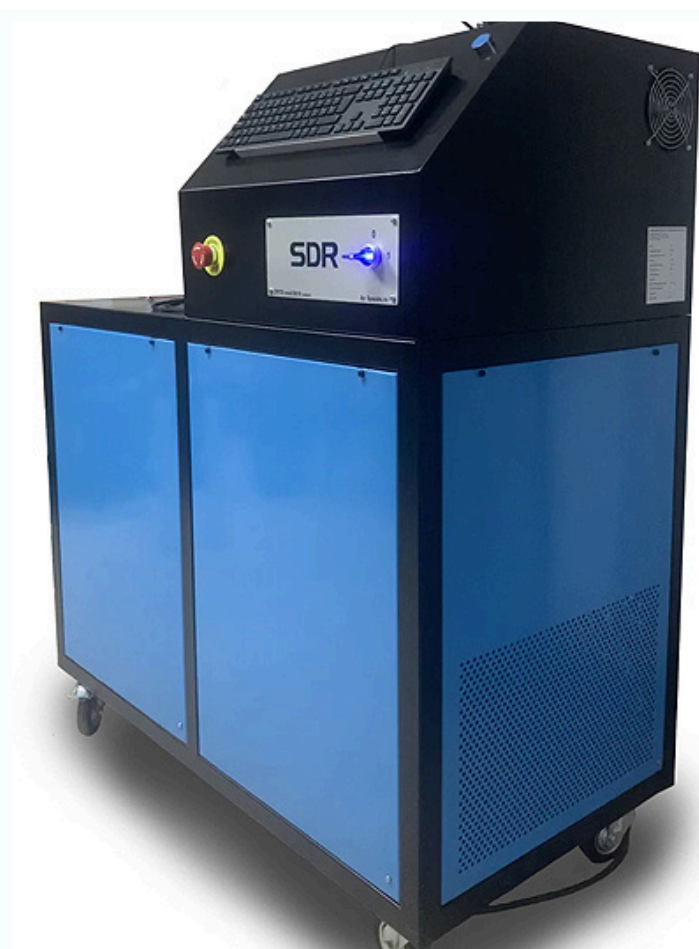
Stainless steel oil tank : 30 L

Control.Electr. system Ecoline CR PC-22

Standard cooling system

Cables,adapters,connectors...

Price : 4900 Euro



**You can use any PC/Laptop with WinXP, Win7 ili Win10 OS
(this model does not have build-in PC)**

- This model is for workshops with low volume of injectors on daily level.
- Doesnt have build in PC or protective hood

SDR - STANDARD

Standard configuration:

3 KW /1400rpm motor

Bosch CP3 HP pump

Bosch Rail

Bosch sensor 2000 bar

Bosch pressure regulator (DRV)

Stainless steel oil tank : 30 L

Standard cooling system

Windows 10PC + 19 inch monitor

Control.Electr. system Ecoline CR PC-22

Protective hood

Cables,adapters,connectors....

Price: 5600 Euro



This model is for workshops with medium volume of injectors on daily level.

Fully equipped with Windows 10PC and plexiglass protective hood

SDR - PLUS

Plus configuration:

3 KW /1400rpm motor + VFD

Bosch CP3 HP pump

Bosch Rail

Bosch sensor 2000 bar

Bosch pressure regulator (DRV)

Stainless steel oil tank : 30 L

Protective hood

Advanced cooling system

Windows PC +22-24 inch monitor

Control.Electr. system Ecoline CR PC-22

Cables,adapters,connectors....

Price: 6600 Euro



- This model is for workshops with high volume of injectors on daily level.
- Fully equipped with Windows 10PC , plexiglass protective hood, advanced cooling and VFD (motor speed control)

SDR - 2

SDR-2 configuration:

3 KW/1400rpm motor + VFD

Bosch CP3 HP pump

Bosch Rail

Bosch sensor 2000 bar

Bosch pressure regulator (DRV)

Stainless steel oil tank : 30 L

Protective hood

Advanced cooling system

Windows PC +22-24 inch monitor

Control.Electr. system Ecoline CR PC-22

Cables,adapters,connectors....

Price: 7200 Euro



This model can test 2 injectors at the same time (2 el.mag/1 piezo)

SDR - 4

SDR-4 configuration:

3 KW/1400rpm + VFD

Bosch CP3 HP pump

Bosch Rail

Bosch sensor 2000 bar

Bosch pressure regulator (DRV)

Stainless steel oil tank : 30 L

Protective hood

Advanced cooling system

Windows PC +22-24 inch monitor

Control.Electr. system Ecoline CR PC-22

Cables,adapters,connectors....

Price: 8900 Euro



This model can test 4 injectors at the same time (4 el.mag/1 piezo)

SDR - PRO

SDR-PRO configuration:

3 KW/1400rpm + VFD

Bosch CP3 HP pump

Bosch Rail

Bosch sensor 2000 bar

Bosch pressure regulator (DRV)

Stainless steel oil tank : 30 L

Protective hood

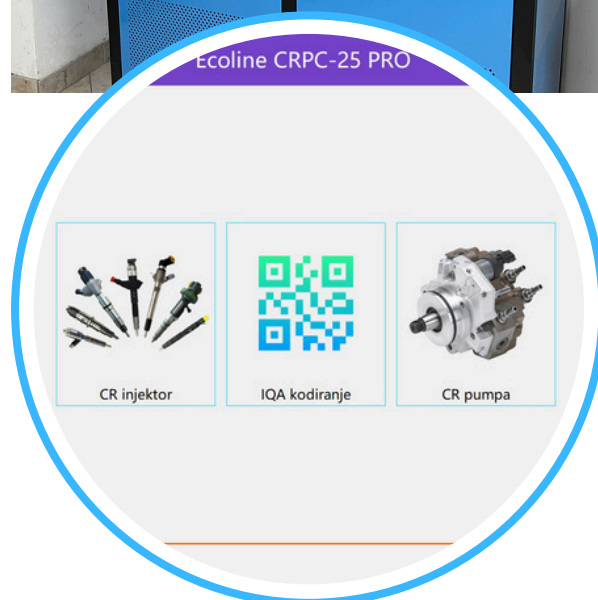
Advanced cooling system

Windows PC +22-24 inch monitor

Cont.Electro. Ecoline CRPC-25PRO

Cables,adapters,connectors.....

Price: 7900 Euro



**This model is for specialized injector repair shops.
In addition to testing it can generate new code
(after injector is repaired)**

IPR - Test benches for Common Rail pumps and injectors

IPR+1

IPR configuration:

4 KW /1500rpm/3000rpm motor

Bosch CP3 pump

Bosch Rail

Bosch sensor 2000 bar

Bosch pressure regulator (DRV)

Stainless steel oil tank : 30 L

Supply pump up to 5 bar(regulated)

VFD - variable-frequency drive

Protective hood

Advanced cooling system

Pump flowmeter

Windows PC +22-24 inch monitor

Control.Electr. system Ecoline CR PC-22

Cables,adapters,connectors.....

Price : 8900 Euro



IPR series can test CR pumps and 1 or more injectors

IPR-1 PRO

IPR configuration:

4 KW /3000rpm motor

Bosch CP3 HP pump

Bosch Rail

Bosch sensor 2000 bar

Bosch pressure regulator (DRV)

Stainless steel oil tank : 30 L

Supply pump up to 5 bar(regulated)

VFD - variable-frequency drive

Protective hood

Advanced cooling system

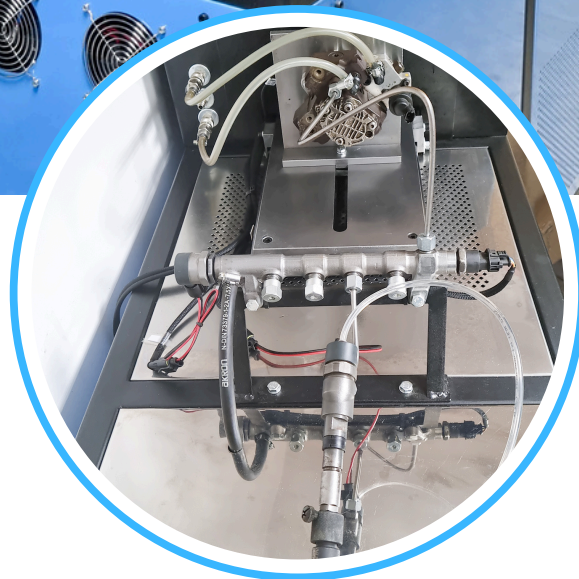
Pump flowmeter

Windows PC +22-24 inch monitor

Contro.Elect.. Ecoline CR PC-25 PRO

Cables,adapters,connectors.....

Price: 10 500 Euro



**This model is for specialized injector repair shops.
In addition to testing it can generate new code
(after injector is repaired)**

SDR/IPR - Test benches

CUSTOM MADE

**We can make anything you want !
Different color, with/without hood, touch screen , even
your own logo on software, front panel, test report ...**



Design you own configuration, color, setup