



**THE BEST MUST BE AFFORDABLE...**



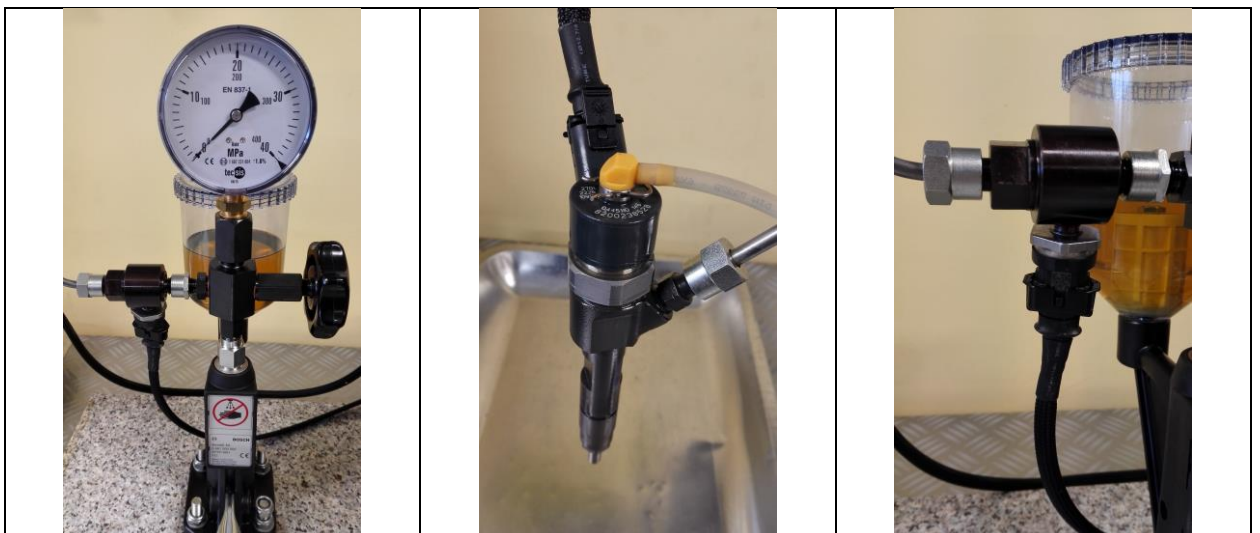
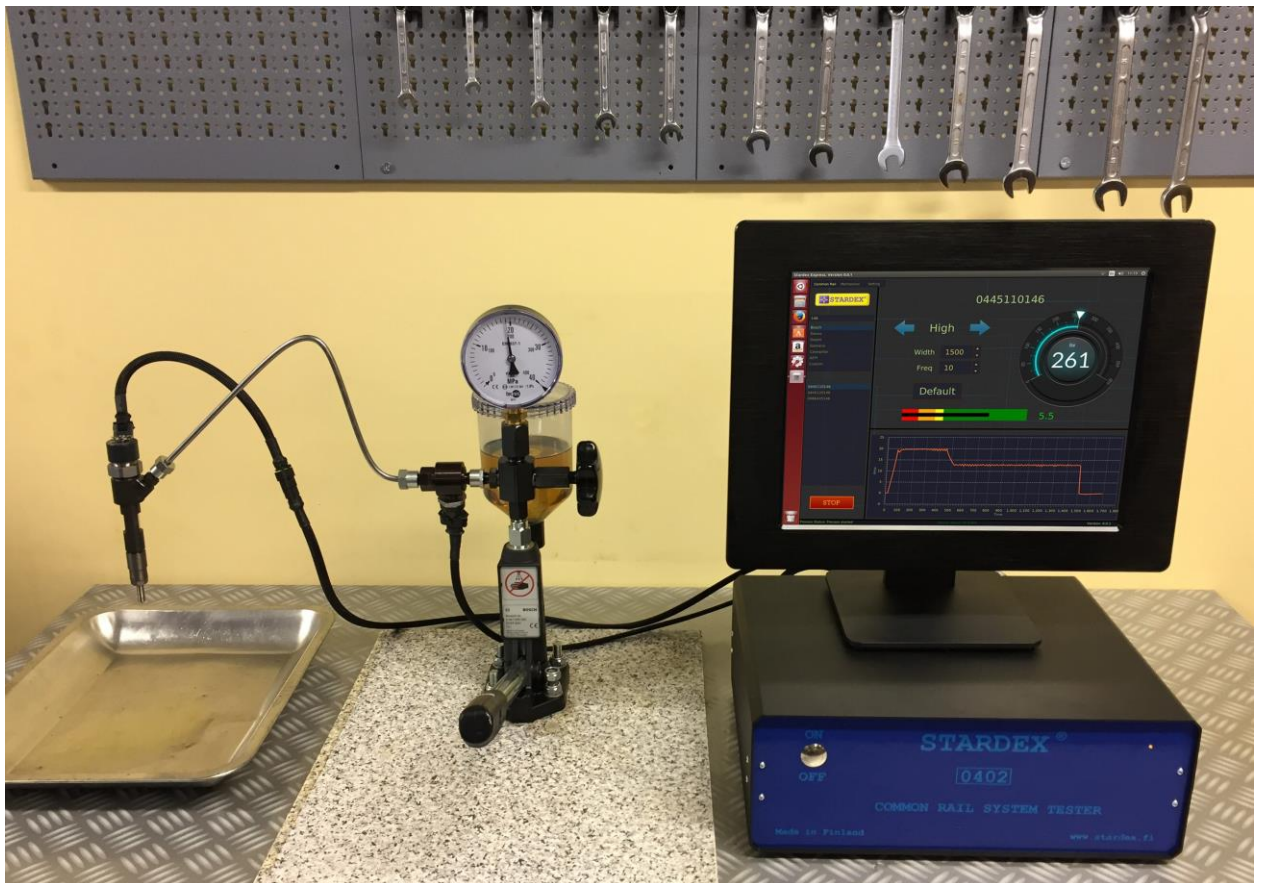
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## THE USAGE OF STARDEX 0402 WITH THE HAND PUMP

Besides the work on a test bench, the device Stardex 0402 allows you to work with injectors Common Rail and conventional mechanical injectors in the express - test mode, using the hand pump.

For this test you will additionally need a hand pump, a fuel rail, the pressure sensor Bosch 1500 or 1800 Bar and the high pressure flexible fuel pipe, that are supplied separately.

Equipment Connection method in Picture 1.



The device can work with both electromagnetic and piezoelectric injectors Common Rail.

The device is managed by graphical interface, installed on a computer inside.



On a Common Rail page of the interface, you choose the manufacturer and the number of tested injector.

**All the Common Rail injectors have different current-voltage characteristics, that is why, it is extremely important to precisely choose the type of tested injector. The wrong choice can lead to the damage of injector and device!**

Virtual gauge shows you the pressure in the fuel rail.

Blue arrows allow you to select the mode of the work of injector: MINIMAL, LOW, MEDIUM, HIGH.

Fields Width and Freq. allow you to set arbitrary the parameters of the signal.

Default button returns to the default settings.

Digital Meter, located under the Default button, automatically determines the thickness of injector.

(Thickness – a digital representation of the speed of pressure drop in the injector, expressed in terms of the time required for the pressure drop from 350 bar to 200 bar in the tested injector on the hand pump.)

Precision current plot shows the shape of the electrical pulse on the injector.

Start / Stop button switches on / off signal to the injector.

**Stardex 0402 in a set with a hand pump allows express - testing of Common Rail injectors on the following parameters:  
the efficiency, coil or piezo element condition, the thickness, the quality of the injection, the pressure of the beginning of injection.**



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For the testing of conventional, one spring mechanical injectors, use the inset Mechanical.

Enter the number of injector or nozzle in the searching field.

The software contains thousands of test plans for the mechanical injectors...



We hope, that it will be pleasurable and easy for you to work with our equipment.

Stardex wishes you and your business a lot of luck and success!

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