



No Expert Needed

Repairing Electronic Injectors is not a specialist's business anymore. KO4000 eliminates the experience and expertise needed to assemble the Electronic Injectors.



KO4000 C.A.R.S COMPUTER AIDED REPAIR SYSTEM

High precision assembly system for electronic injectors

The KO4000 system offers computer-assisted assembly and adjustment of electronic diesel injectors.

By calculating the micron-level thickness of the adjustment shims inside the injector, the traditional trial-and-error method is eliminated and ensures that the injector is mounted correctly the first time.

Anyone can repair

Eliminating the trial and error procedure.

KO4000 is not a Test Bench

It standardizes electronic injector repair by guiding **measurement, shim selection, and assembly** for the supported **Bosch / Denso/ L'Orange (MTU)** and Caterpillar families.

Injector families/brands it supports

CR Injectors:

Bosch CRI 1.0 - 2.0 - 2.1 - 22- 2.18,
Bosch CRIN 1.0 - 2.0 - 3.0,
Denso G2 L'Orange MTU 4000.01 & 4000.03
LEAD Series

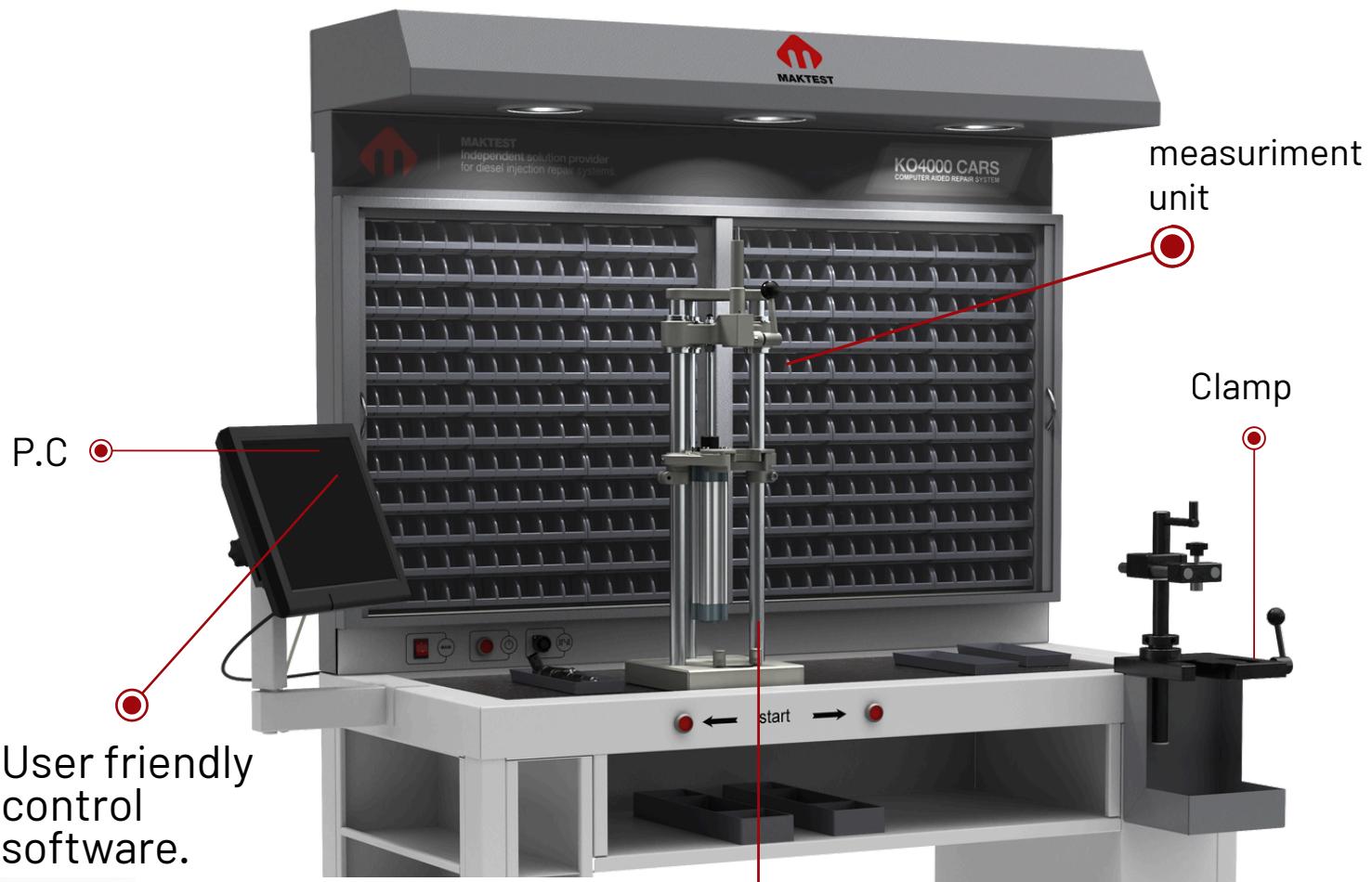
HEUI Injectors:

Caterpillar C7-C9 Injectors

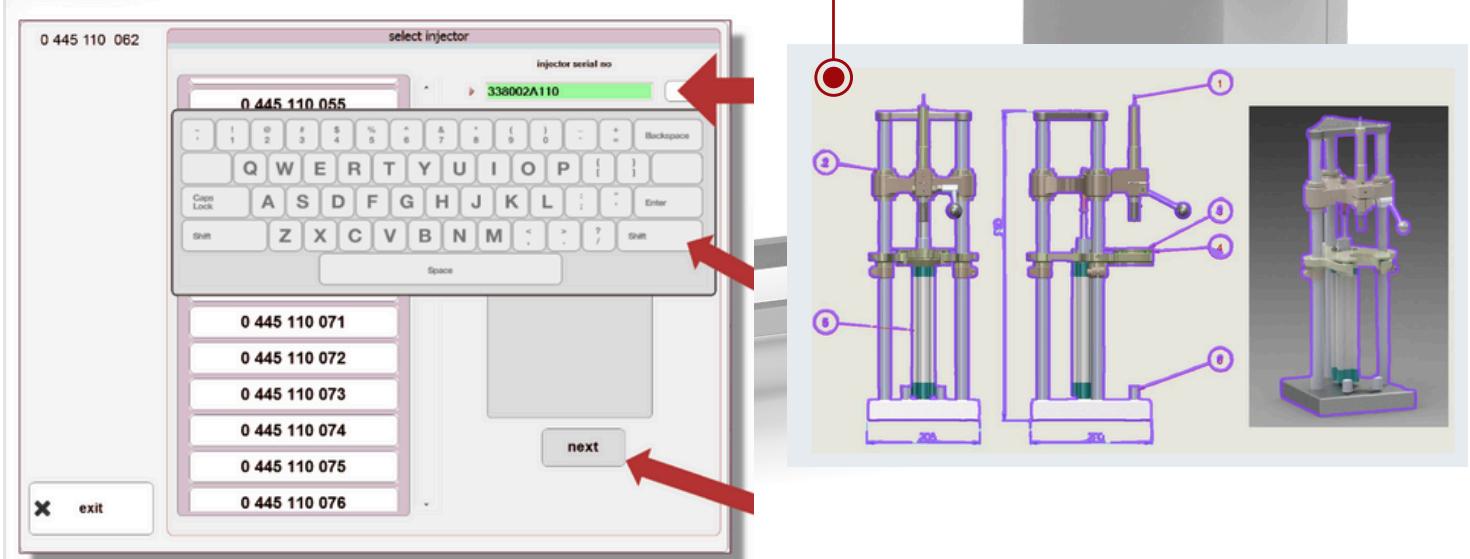
EUI Injectors:

Caterpillar C15-3406-C10-3500





User friendly control software.



Tap on the green space and enter the injector/s serial number/s by using virtual keyboard.

Enter up to 6 injector serial numbers to assemble 6 injectors at the same time.

Add button. Afterward, tap on the enter button.

KO4000 – Technical Specifications

Application / Compatibility

Common Rail (CR): Bosch CRI 1.0 / 2.0 / 2.1 / 2.2 / 2.18; Bosch CRIN 1.0 / 2.0 / 3.0; Denso G2; L'Orange MTU 4000.01 & 4000.03 LEAD

HEUI: Caterpillar C7-C9

EUI: Caterpillar C15 / 3406 / C10 / 3500

Power and Air Requirements

Power supply: 220 V, 50/60 Hz, single-phase

Air supply: minimum 5 bar; minimum 1 m³/min; clean, dry, oil-free air

Included as Standard :

KO4001 – C.A.R.S. Repair Table

KO4002 – Measurement Unit

KO210300 – Clamp for C.A.R.S.

Plastic trays (6 pcs.)

AN3701

BA1633

KO1797

KO1495

Dimensions and Weight

Machine dimensions: 1500 (W) x 820 (D) x 1330 (H) mm

weight: 200 kg

Packing dimensions: 1700 (W) x 900 (D) x 1930 (H) mm

weight: 260 kg