



# ELKOSO<sup>®</sup>

AUTOMOTIVE MANUFACTURING SOLUTIONS

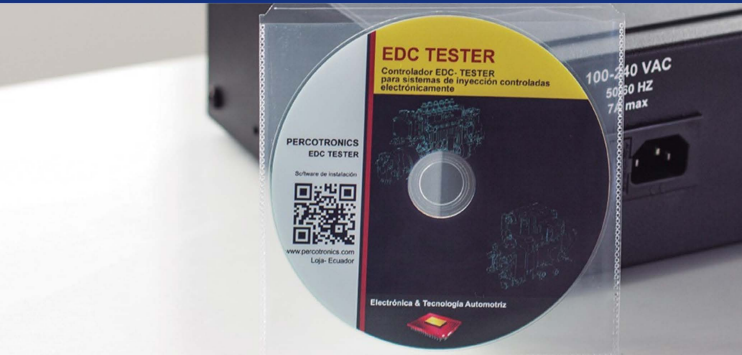


## EDC TESTER

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# EDC TESTER



No.	FIRST NAME	USE AND DESCRIPTION
1	List of component to check	Impedance measurement
2	Isolatin	Measurement of insulation GOV
3	Test button Resistance Mechanics	Start the Mechanical Resistance test
4	Graphic display	Screen for monitoring the drive of the GOV
5	Test Button	Start the Test test
6	Speed of revolutions	Pump revolutions
7	Temperature value	Test oil temperature
8	Compensation value	Compensation resistor
9	Value of TPS	Actual position plunger position sensor voltage
10	Position value GOV	Actual position tension of the GOV
11	Position value GOV	Theoretical tension of position of GOV
12	Control bar TCV	Adjustment bar for activating Advance Control Valve
13	Disconnect button	Disables the fuel cut solenoid
14	Exit button	Exit program

## NEW CONTROLLER EDC - TESTER For electronically controlled injection systems.

### Rotary pumps ZEXEL & BOSCH

VRZ  
COVEC-F  
VP 37

### ONLINE PUMPS ZEXEL

TICS  
HD-TICS  
MD-TICS  
RED III  
RED IV

### ONLINE PUMPS BOSCH

KIND P  
KIND H  
KIND M  
RE 30  
RE 33

Electronically controlled injection systems will no longer be a problem thanks to the new PERCOTRO- NICS EDC-Tester controller.

Which incorporates a precise sensor path measure- ment system, which allows the laboratory to perform a correct failure analysis and solution of them.

User-friendly software with automatic tests of: IMPE- DANCE, INSULATION, AND MECHANICAL RESIS- TANCE, to check the status of the actuator mechani- cally and electronically.

## CHARACTERISTICS

### READING

- Sensor reading csp (sleeve position sensor).
- TPS sensor reading (advance position sensor).
- Reading of fuel temperature sensor.
- Reading of revolutions sensor.
- Activation of tcv (advance control valve).

### MEASUREMENT

- Measurement of electrical resistance of actuators and sensors.
- Measurement of insulation.
- Measurement of mechanical resistance.
- Measurement of compensation resistance.

### PROOF OF IMPEDANCE

The test equipment is equipped with an impedance analyzer, thus allowing a quick measurement of the electric components of the edc pumps and facilita- ting the diagnosis, suppressing the use of additional tools. The indicator lights green when the impedance values are correct and red when the test is not met.



# EDC TESTER

BOBINA REGULADOR ELECTRONICO



SENSOR CSP



OSCILADOR CSP



TCV



ELECTROIMAN DE APAGADO

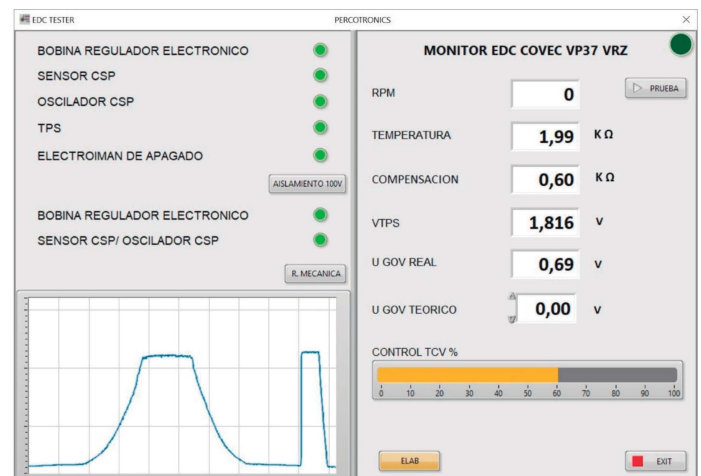


## RESISTANCE TEST MECHANICS

In the actuators it is common to find wear in the mechanical components, which in most cases can not be analyzed and diagnosed in the test bench. With the EDC-Tester controller, a check of the mechanical state of the actuator can be carried out.

## ORIGINAL CONNECTIONS

Time saving when performing the diagnosis or calibration of the EDC injection pumps thanks to the original connections.





EDC  
TESTER



## TOOLS

To guarantee the correct repair of the actuator, the basic tool kit includes a toolkit for the repair of the same.





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## ADMINISTRATION

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