



PERCOTRONICS®



CELECT TESTER

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www.percotronics.com

CELECT TESTER



Specialized accessories for the evaluation, repair, and calibration of CELECT unit injectors..

MAIN FUNCTIONS:

- Mechanical and electronic testing of the injector.
- Electrical testing of the **poppet control valve**.
- Test report generation.
- Pulse generation – **Control valve (Poppet)**.

SIMPLE AND DYNAMIC OPERATION:

Allows verification of the hydraulic system's tightness and the precise response of the poppet valve.



CELECT TESTER

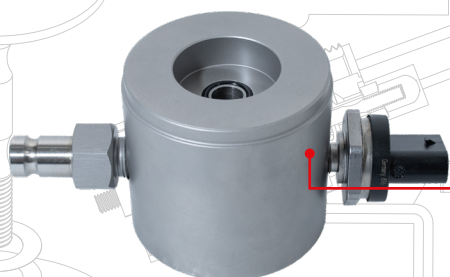
INCLUDES TOOLS FOR ROTARY PUMP:

- Disassembly
- Evaluation
- Recovery
- Assembly



ADAPTERS FOR INJECTOR MOUNTING IN THE CAM BOX

NOZZLE
COLLECTOR



QUICK
COUPLINGS X3

INJECTOR
SLEEVE



BYPASS FITTING -
M14 PLUG



SOFTWARE CELECT TESTER

WITH AN INTUITIVE USER EXPERIENCE

Voltaje
RPM
Presión
Temp
I. max.
Poppet
Fase

Power Supply Voltage (Interface).
Flywheel Revolutions Per Minute (RPM) of the Test Bench

Fuel Supply Pressure
Fuel Inlet Temperature.

Maximum Current Consumption of the Coil.

Poppet Valve Closing Time.
Injection Phase Measurement.

Injector Tests

Purge Time

Theoretical Delivery:
Injector Flow Rate

The screenshot displays the CELECT TESTER software interface. On the left, a vertical list of parameters is shown with their current values: Voltaje (12,5 V), RPM (601 1/min), Presión (7,3 bar), Temp (17,2 °C), I. max. (11,8 A), Poppet (32,5 ms), and Fase (190,0 °kW). Below this is a graph showing 'Tobera' (29,9) and 'Temp' (23,6). In the center, there is a control panel with a 'CELECT TESTER' logo, a 'TEST' button, and a 'Tiempo' display showing '3'. Below the control panel is a 'PERCOTRONICS' injector. To the right, 'GA TEÓRICO' is 175 and 'C. TIME' is 33,5. At the bottom, there is a data table with columns for RPM, TOBERA, cc TEORICO, cc REAL, and C. TIME. The table shows a 'STOP' state with RPM 600,00, TOBERA 21,00, cc TEORICO 175,00, cc REAL 0, and C. TIME 32,44. Below the table are buttons for 'REPORTES', 'DATOS CLIENTE', and 'SALIR'.

C. Time:
Poppet Valve
Response Time

Nozzle Spray Pressure

Data Table: Parameter Display for Each Test

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