



# ELKOSO<sup>®</sup>

AUTOMOTIVE MANUFACTURING SOLUTIONS



**PERCOTRONICS**  
Electrónica & Tecnología Automotriz

## PSG5 Tester

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With many years of experience in the industry, Elkoso Company is a trusted provider of **remanufactured PSG5 units** for VP pumps. Leveraging extensive expertise, Elkoso ensures that each remanufactured PSG5 unit meets the highest standards of quality and performance. Through rigorous testing and meticulous attention to detail, the company has built a reputation for delivering reliable and efficient solutions for VP pump systems. Elkoso's deep industry knowledge and commitment to excellence make them a preferred choice for customers in need of remanufactured PSG5 units.

Each PSG5 unit undergoes thorough testing to ensure all functions are fully checked, including the Avans Valve, Delivery Valve, RPM Sensor, and Temperature Sensors. To guarantee reliability and transparency, all PSG5 units come with a detailed protocol documenting the results of these tests.

100% Tested



Elkoso's commitment to quality ensures that customers receive dependable and high-performing remanufactured PSG5 units.



## PSG5 Tester

is specialized equipment used to test Electronic Control Units for **VP (Distributor Pump)** systems, which are commonly found in diesel engines. The PSG5 Tester allows technicians to diagnose and verify the performance and functionality of these ECUs, ensuring they are operating correctly and efficiently.



### Key Functions of a PSG5 Tester:

- 1. Diagnostic Testing:** The PSG5 Tester can perform a series of diagnostic checks on the ECU to identify any faults or issues. This includes checking sensor inputs, actuator outputs, and communication signals.
- 2. Performance Verification:** The tester can simulate various operating conditions to verify that the ECU is controlling the VP pump correctly under different scenarios. This ensures that the ECU can handle realworld engine conditions.
- 3. Fault Identification:** By pinpointing specific faults within the ECU, the PSG5 Tester helps in diagnosing problems more accurately, reducing the time and effort required for repairs.
- 4. Data Logging:** It can log data during the test procedures, providing a detailed record of ECU performance and any issues detected. This data can be invaluable for troubleshooting and future reference.





## Importance of the PSG5 Tester:

**Precision:** Ensures the ECU is functioning with the required precision, critical for the efficient operation of diesel engines.

**Reliability:** Identifies potential issues before they lead to significant failures, enhancing the reliability of the vehicle or machinery.

**Maintenance:** Aids in regular maintenance by providing a tool to routinely check the health of the ECU.

**Cost-Effectiveness:** Reduces the cost of repairs by allowing for accurate diagnosis and targeted repairs, rather than replacing the entire ECU or VP pump. PSG5 Tester is an essential tool for any workshop or facility involved in the maintenance and repair of diesel engines equipped with VP pumps, ensuring these components operate reliably and efficiently.

## With PSG5 you can test

- ✓ AVANS VALVE
- ✓ DELIVERY VALVE
- ✓ RPM SENSOR
- ✓ TEMPERATURE SENRORS





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