



**PERCOTRONICS®**



# PSG DIAGNOSTIC

@percotronics



www.percotronics.com

# PSG DIAGNOSTIC

It provides a fast and accurate solution for **the diagnosis and evaluation of PSG5 modules** through advanced monitoring software, **without the need to mount the pump on a test bench.**

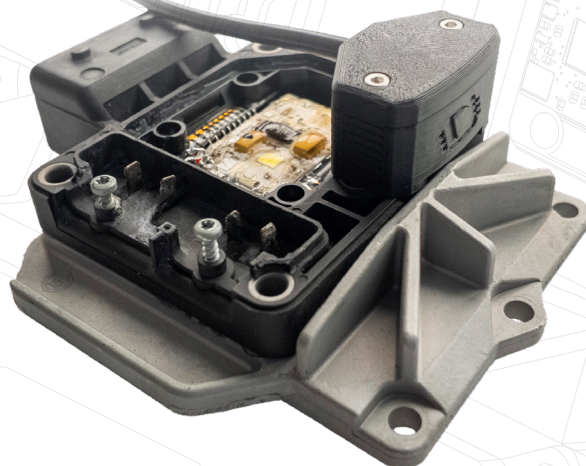


## FEATURES:

- Establishes **CAN communication with the module.**
- Access to **fault memory via K-line.**
- Compatible with **PSG5 in VP44, VP29/30 pumps.**
- **Rotary angle signal generator.**
- Signal analyzer for **identifying faults in metering and timing valve control.**
- **Immobilizer function.**

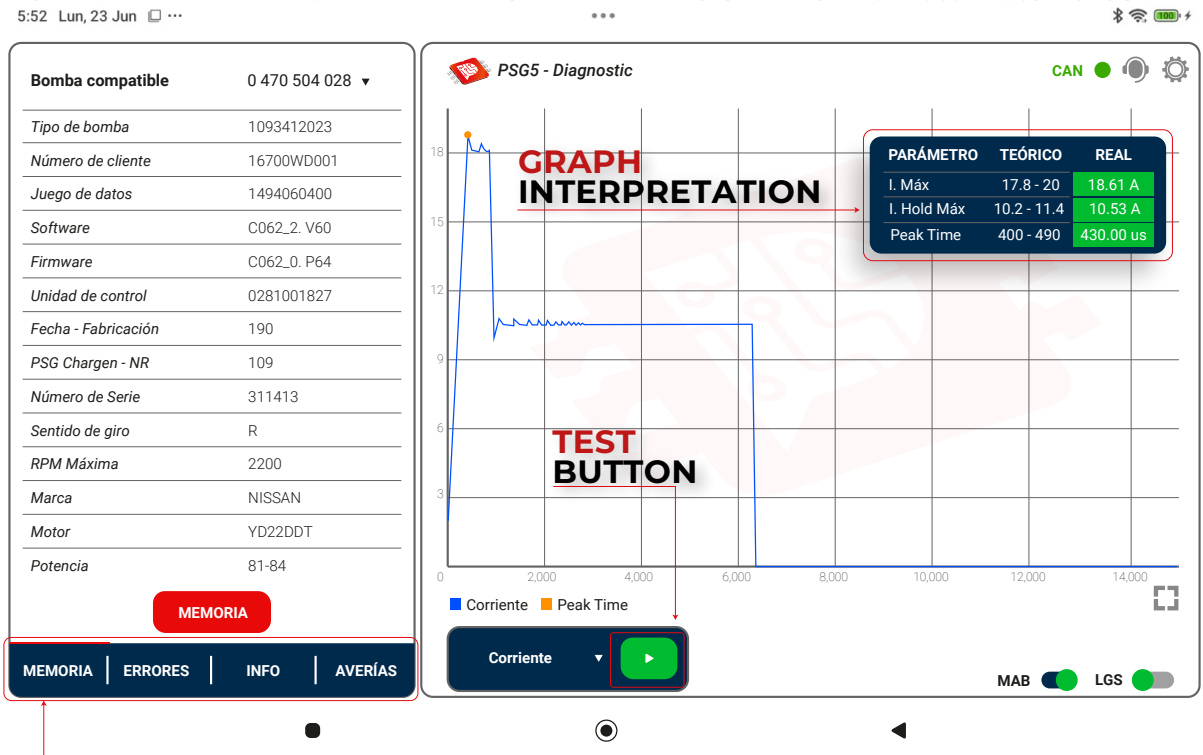
## SIMPLE AND DYNAMIC OPERATION:

Through integrated software, the **PSG DIAGNOSTIC specializes** in the diagnosis of **PSG5 modules** and the verification of **their functionality before and after repair.**

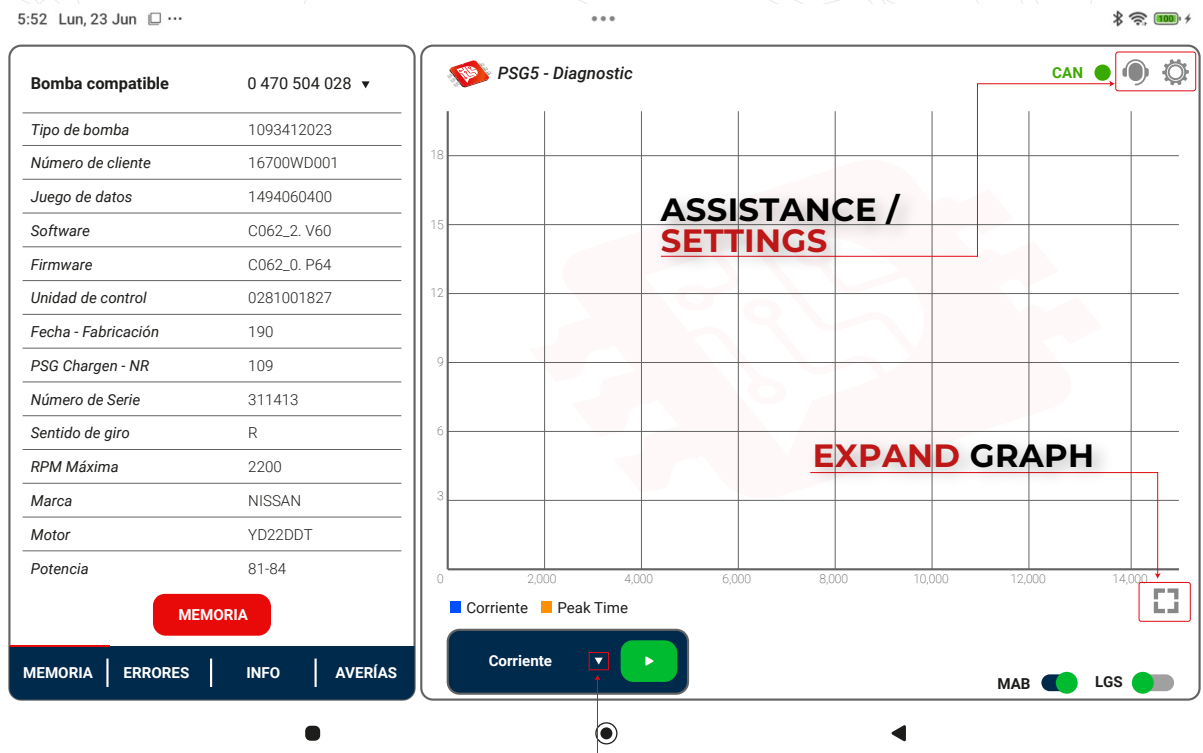


# DIAGNOSTIC SOFTWARE PSG

WITH INTUITIVE USER EXPERIENCE



## DASHBOARD



## TEST MENU

# DIAGNOSTIC SOFTWARE PSG

WITH INTUITIVE USER EXPERIENCE

5:52 Lun, 23 Jun ☐ ...

PARÁMETRO	REAL	UNIDADES
Voltaje	14.22	V
Temperatura	32.65	°C
Angulo de Activación	19.88	*NW
Tiempo de Cierre	1028.50	us
RPM	499	1/min
Avance	7.00	*NW

CONTROL MANUAL:		
RPM	<input type="text" value="500"/>	1/min
Avance	<input type="text" value="7.00"/>	*NW
Control de Caudal	<input type="text" value="70"/>	mg/H

MEMORIA | ERRORES | INFO | AVERÍAS

CAN COMMUNICATION

MANUAL CONTROL

PSG5 PARAMETERS

5:58 Lun, 23 Jun ☐ ...

5B Captador de número de revoluciones cigüeñal defectuoso.  
5B Auto Supervisión unidad de control de la bomba defectuosa.  
5B Falla Bus CAN, CAN bus.

Borrando  
BORRAR MEMORIA

MEMORIA | ERRORES | INFO | AVERÍAS

STORED ERRORS

STATUS BAR

CLEAR MEMORY BUTTON

ERROR MEMORY

5:59 Lun, 23 Jun ☐ ...

Falla PSG  
Falla electroválvula de caudal o PSG  
Falla interruptor de ralentí  
Falla sensor de ángulo de giro, interferencia  
Falla sensor de ángulo de giro, sin señal  
Exceso de temperatura de combustible  
Falla en el sensor de temperatura  
Voltaje fuera de rango  
Falla de avance de inyección  
Estado BIP  
Falla BIP  
Desconexión de seguridad  
Falta señal CKP  
Falta señal CKP  
Inyección previa  
Falla CANBUS

MEMORIA | ERRORES | INFO | AVERÍAS

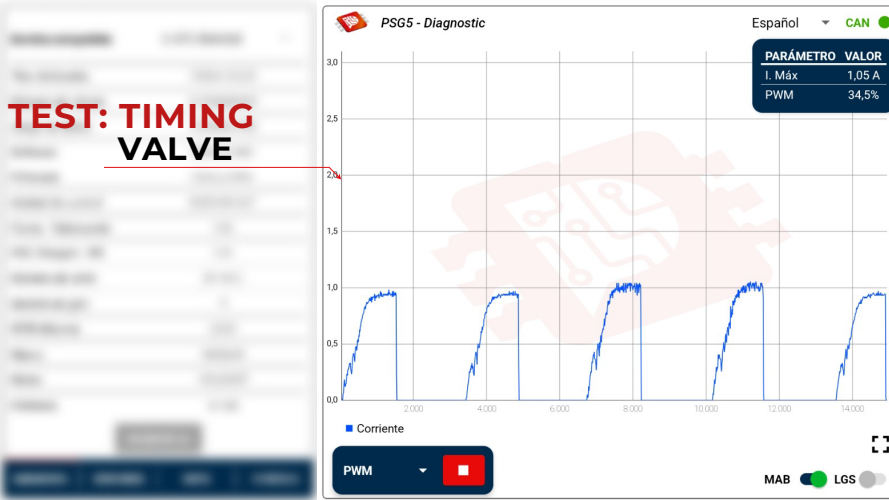
FAULT INDICATOR

FAULT MENU

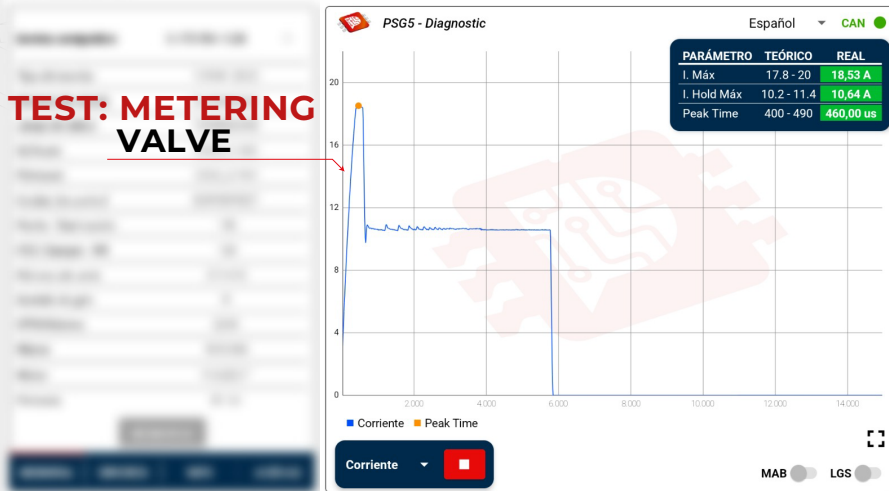
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WITH INTUITIVE USER EXPERIENCE

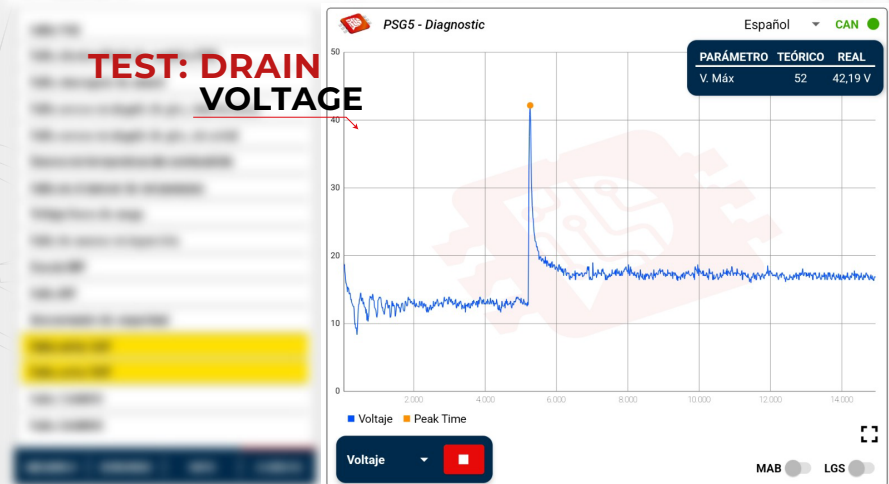
## TEST: TIMING VALVE



## TEST: METERING VALVE



## TEST: DRAIN VOLTAGE



# PSG DIAGNOSTIC



## INCLUDES:

- Current clamp (includes 9V battery)
- x100 probe
- SAG cable
- USB cable
- Power cable
- 10A fuse
- Main PSG5 cable