

DAV TECH CONTROLLER FOR GP PUMPS

The **GP** gear pump controller is based on a 7" multilingual operator panel with an immediate interface. The controller allows rapid setup and commissioning of the system, guaranteeing the possibility of saving hundreds of different programs, each with its own customized dispensing parameters.

Interfacing to PLCs or production monitoring systems is simple and allows you to check or modify the parameters of dispensing system at any time.

An Ethernet port then guarantees the possibility of carrying out remote assistance operations.



Functions example

Screen "Work"



Screen "Input-output state"



Screen "Recipes"



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FIELD OF APPLICATION:

- > Control and management of GP series volumetric pumps.
- > Communication and data exchange with PLC or various interfaces.

FEATURES:

- > 7" TFT LCD Touchscreen display
- > Multilingual interface
- > Assistance, operation monitoring and SW updates possible remotely by Ethernet connection.
- > Digital I/O communication, Modbus TCP/IP and Modbus TCP/IP + digital I/O.
- > Encoder control system for dispensing management with closed-loop logic.
- > Integrated control to manage external dispensing valves.
- > Recipes that can be recalled via external signals.
- > Possibility of direction reversal for suck-back function.
- > Real-time count of the volume dispensed.
- > Settable management Minimum level
- > Settable automatic purge.
- > Weight count method using specific weight.
- > Dispensing pause and resume function.
- > Real-time monitoring with settable outlet pressure threshold.

TECHNICAL DATA:

ITEM	CONTROLLER GP
Dimensions	245mm (W) x 190mm (H) x 325mm (D)
Weight	6,6 Kg
Power In/Output	AC100V – 240V, 50/60Hz, DC48V (max.)
Consume	600W
Operating Mode	Filling / Line
Display	7" LED Backlight TFT LCD, Touch
Pumps controlled	1
Pressure sensor	OK
External Control	OK
Input signal	OK
End dispensing signal	OK
Usage temperature	10 – 40 °C