

CONTROLLER FOR DAS DISPENSING VALVE

The **DAS** valve controller is based on a 4.3-inch operator panel / PLC, multilingual and with an immediate graphical interface.

The controller allows very fast setup and commissioning of the system, and has been designed to manage spray valve spray applications; it guarantees the possibility of saving different recipes, each with its own personalized dispensing parameters and it also has a cycle counter function.

The interface to PLC or production monitoring systems is simple and allows to check or modify the parameters of the dispensing system

The control unit is also able to manage both the control air of the spray valve and the nebulization air, with the possibility of managing both with different timings to optimize spraying. The control unit also offers the possibility of interfacing presence sensors that enable dispensing or that objectify the completed dispensing, rather than the product minimum level sensor.



Functions example

Screen "Work"



Screen "Setting"



Screen "Recipes"

ID	Program name	Dispensing time	Cycles number
0	RECIPE1	3.15	5
1	RECIPE2	9.53	0
2		0.00	0
3		0.00	0
4		0.00	0
5		0.00	0
6		0.00	0

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FIELDS OF APPLICATIONS:

- > Control and management of DAS series pressure-time valves
- > Communication with PLC or various interfaces.

FEATURES:

- > 4.3" TFT LCD Touchscreen display
- > Multilingual interface
- > Digital I/O communication
- > Integrated control to manage external dispensing valve.
- > Settable minimum level management.
- > Management of dispensing control signals and dispensing enable by external inputs.
- > Different recipes settable.
- > Spray air pressure monitoring.
- > Pneumatic interface that can be positioned separately from the controller.

TECHNICAL DATA:

ITEM	DAS 2000 SMART (CONTROLLER)
Dimensions	140mm (W) x 140mm (H) x 150mm (D)
Weight	1Kg
Power In/Output	DC24V (max.)
Consume	10W
Operating Mode	Filling / Line
Display	4.3" LED Backlight TFT, Touch
Setting memory	10
Dispenser controlled	1
Pressure sensor	OK
External Control	OK
Input signal	OK
End dispensing signal	OK
Usage temperature	10 – 40 °C

ITEM	DAS 2000 SMART (PNEUMATIC)
Dimensions	140mm (W) x 70mm (H) x 150mm (D)
Weight	0,8Kg
Dispenser controlled	1
Input I/O	M12, 8 pin M
Pressure regulator	0-7 bar
Air inlet fittings	Ø6 quick fitting, Max 7bar
Air valve control fittings	Ø4 quick fitting, Max 7bar
Usage temperature	10 – 40 °C