DAV TECH SRL

Via Ravizza, 30
36075 Montecchio Maggiore (VI) - ITALY
Tel. 0039 0444 574510
Fax 0039 0444 574324

davtech@davtech.it
www.davtech.it

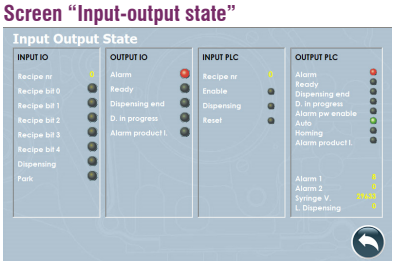
DAV TECH CONTROLLER FOR **DA 1000 V** VOLUMETRIC MANUAL DISPENSING SYSTEM

The **DA 1000 V** volumetric manual dispensing system 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.

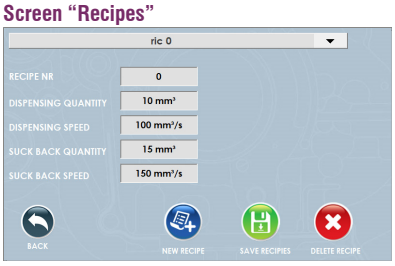
Functions example

Screen "Work"

Screen "Input-output state"



Screen "Recipes"



FIELD OF APPLICATION:

- **Control and management of volometric syringe dispenser DA1000V**
- **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 dispesing management with closed-loop logic.
- Recipes that can be recalled via external signals.
- Real-time count of the volume dispensed.
- Settable management Minimum level
- Settable automatic purge.
- Weight count method using specific weight.
- Possibility of direction reversal for suck-back function.
- Dispensing pause and resume function.

TECHNICAL DATA:

ITEM	CONTROLLER DA1000V
Dimensions	245mm (W) x 190mm (H) x 325mm (D)
Weight	6, Kg
Power In/Output	AC100V – 240V, 50/60Hz, DC48V (max.)
Consume	100W
Operating Mode	Filling / Line
Display	7" LED Backlight TFT LCD, Touch
Pumps controlled	1
Pressure sensor	/
External Control	OK
Input signal	OK
End dispensing signal	OK
Usage temperature	10 – 40 °C

We reserve the right to modify at any time, without notice, the specifications, dimensions and weights in this datasheet. The illustrations are not binding.