

**DA1000V VOLUMETRIC MICRO-DISPENSING SYSTEM**

Volumetric system for micro quantities dispensing application of fluids through syringes, with maximum precision.

The system dispenses fluids from the syringe of the desired size by pushing a piston moved by a linear actuator, managed by a programmable controller that can be interfaced with other units (eg PLC).

**FIELD OF APPLICATION:**

- > Volumetric dispensing of solder paste
- > Volumetric dispensing of premixed 2K fluids
- > Micro-quantity volumetric dispensing of low and high viscosity fluids

**FEATURES:**

- > No compressed air needed
- > With the controller you can manage dispensing flow, dispensing quantity and also dispensing sequences.
- > Syringe from 3-5-10-30cc
- > Total separation between fluid and actuator without risk of contamination
- > Compact design for manual use or mounted in automatic machines, even with high-speed dispensing modes. (MAX.0.2 ms / step)



**TECHNICAL DATA:**

**Technical data DA 1000 V**

Syringe size	3cc	5cc	10cc	30cc
Weight(g)	118		300	
Viscosity (cPs)	1~500.000			
Screw Pitch (mm)	0.8	0.8	1.0	1.25
Step (mm/step)	0.0001		0.0001	0.0003
Dispensed volume / Step (cc)	0.0000073	0.0000128	0.0000250	0.000138

**Technical data Controller**

Controller	
Dimension	150x80x110
Weight (g)	932
Power	DC 9V/2A
Mode	Time, steady, sequenza
Display	3.5" Touch screen
Interface	RS485 (MODBUS)
Input signal	Input signal
output signal	NPN Open Connector

**Screen "Work"**



**Screen "Input/Output state"**



**Schermata "Recipes"**

