

E-2K 50 PRE-FILLED TWIN CARTRIDGES DISPENSER

E-2K 50 are volumetric dispensing systems, created to dispense accurate amounts of 2k resin, in 2k pre-filled 50 ml cartridges. The system, managed through a dedicated controller, with touch screen color display, allow to dispense in a reliable and consistent way, dots or beads of 2k resins, and to make controlled potting cycle. A controlled motor, with encoder and closed loop management, extrude with adjustable amount and flow the 2 cartridges. Through a suck back function, is possible to avoid any residual pressure inside the cartridges, allowing a fast stop of the flow. The system is developed to be mounted on a fixture, to be moved by a robot or an XYZ system, or to be hanged to a reaction arm.



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FIELDS OF APPLICATION:

- > **2k Epoxy, poliuretanic or siliconic resin dispensing**
- > **MMA adhesive dispensing**
- > **Structural bonding adhesive dispensing**

FEATURES:

- > Volumetric dispensing, with amount and flow that can be setted with controller
- > No change of the dispensed amount due to viscosity change
- > Automatic management of the purges with adjustable pot life timer
- > Cartridges low level monitoring with adjustable alarm
- > Dispensing process management with closed loop to achieve the highest control level
- > Possibility of interface with external PLC

Technical datas

Cartridge size	50 ml
Ratio	1:1 – 2:1 – 4:1 – 10:1
Weight	3,2 kg
Controller Size	H195 x P340 x L243 mm
Controller Weight	3 kg
Controller HMI	7" color touch screen
Software Languages	Italian, English, Polish