



# TWO COMPONENT POTTING SOLUTION

Precision Dispensing Systems for  
Potting Applications



# Elevate your projects with the precision and power of our 2K Dispensing System



Specifically designed for high-quality potting and encapsulation, this system utilizes premium PU, Epoxy, and Silicone resins. Our advanced adhesive metering & mixing system empower innovation in electrical, electronics, and semiconductor applications, with compatibility for both atmospheric and vacuum potting methods.

Our dispensing system ensures automated accuracy and operational efficiency, making your production process a model of consistency and reliability.

## KEY FEATURES

Customizable mixing ratios

Adjustable flow rates from a gentle trickle to a powerful stream (1-20 kg/min)

Robotic nozzle movement for unparalleled precision

Bubble-free potting ensuring better life & efficiency of end product

Accuracy: +/- 2%

Operates in standard and vacuum environments

Integrated heating for tanks and hoses

PLC/ Microprocessor-based control for accuracy

User-friendly and intuitive HMI control



# APPLICATIONS

Our 2K Adhesive Dispensing System tackles challenges across the electronic industry. It's the driving force behind reliable battery connections in electric vehicles, the key to energy-efficient lighting solutions for residences and commercial sectors, and the guardian of clean air in HVAC systems.

This system ensures flawless performance in consumer electronics, automotive electronics, protects industrial machinery from environmental hazards, and even enables precise data collection for environmental monitoring. With its ability to provide reliable spark generation for internal combustion engines, our system proves its value across a diverse range of applications.



Battery Relays	Battery Charger	LED Driver Potting	Capacitor Potting	PCB Potting
HEPA Filter Potting	Transformer Potting	Ignition coil Potting	Sensors Potting	

## STANDARD OFFERINGS



Maximize efficiency and performance with our comprehensive standard package

7-inch Touch Screen HMI

Accurate dispensing with metering pumps (PC and Gear Type)

Storage tanks in 10L, 20L, and 50L capacities

Siemens PLC for reliable operation

Normal/heated hoses for efficient material transfer

Anti gel timer setting in HMI for stopping the mixture get cured inside the mixer

Static mixer for proper component mixing

Flushing system for static mixer cleaning

2K non-drip valve to minimize product waste

Manual transfer options for flexibility



# OPTIONAL ADD-ONS

Tailor your dispensing system to your exact needs.

Overcome any obstacle with our comprehensive range of optional features. Eliminate air bubbles with a degassing vacuum pump, handle temperature-sensitive materials with ease using heated storage tanks and hoses and ensure thorough mixing with a stirrer. Optimize material handling with an auto transfer system. Tackle complex processing with our vacuum chamber and achieve precise positioning with X-Y and rotary tables. For efficient curing and drying, choose from batch and conveyorized ovens.

## WHY CHOOSE 2K SOLUTION?



Precise and efficient performance



Customizable operation via HMI control panel and VFD



Automated refilling for uninterrupted material flow



Temperature control with heating jackets and stirrers



Vacuum degassing eliminates gas bubbles



Efficient flow management through metering units and heated hoses



Built-in flushing system reduces downtime



Reliable dispensing with 2K valve and static mixer



Adaptable to various viscosities



Powered by trusted Ingersoll Rand brands



Highly customizable to fit specific production requirements



Backed by global expertise, we ensure prompt and dependable aftermarket support

SCAN HERE



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