

# DISPENSER

KW-4AD



## OWNER'S MANUAL

# Limitation of Liability

In no event shall CHEMAT TECHNOLOGY INC. be held responsible nor liable for any direct, indirect, incidental, special or consequential damages or costs whatsoever resulting from or related to the use or misuse of the KW-4AD Dispenser, even if CHEMAT TECHNOLOGY INC. has been advised, know or should be aware of the possibility of such damages.

CHEMAT TECHNOLOGY INC. emphasizes the importance of consulting experienced and qualified professionals to assure the best results of using the KW-4AD Dispenser.

## **I Description:**

The KW-4AD is designed for utilizing process productivity by consistently dispensing a wide variety of assembly fluids. From repeatable dots to neat beads, the KW-4AD provides immediate productivity gains without usage of messy squeeze bottles and other costly traditional fluid application methods. The KW-4AD Dispenser is designed for use in semiconductor process, patterning, coating process, etc. It also can be used for R&D as well as an educational tool.

## **II. Features**

1. Small convenient bench top size
2. Simple, user friendly design
3. Adjustable output air pressure
4. Manual Vacuum control for thin fluids
5. Ideal for any fluid dispense
6. Multi – voltage selection
7. 1 year limited warranty

### **III Specifications**

1. Dispense Pressure: 0 to 80 psi
2. Dispensing Time: 0.005 – 30 seconds
3. AC Power: 115V/60HZ – 220V/50HZ
4. Air input port: ¼" OD tube
5. Air input: 80 to 100 psi
6. Dimensions: 4.5"(W) x 11" (D) x 6 " (H)
7. Weight: 7.5 lbs.

### **IV. Standard KW-4AD package includes:**

1. KW-4AD Dispenser
2. Power Cord
3. Barrel Stand
4. Barrel adapter assembly
5. Barrel with piston and dispensing tip
6. Operation Manual

*(additional supplies can be order separately.)*

## V. Using Dispenser:

1. Connect Airport to compressed air supply
2. Select required voltage and plug the power cord in.
3. Connect the barrel adapter fitting
4. Fill the barrel with the fluid to be dispensed and top it with piston
5. For thinner fluids, adjust the vacuum control level.
6. If required, install barrel in the stand and position tip as needed.
7. Adjust dispense pressure by pulling the regulator knob and turning it, push it back when finished.
8. Turn the power on
9. Start dispensing by pressing the green button.



# LIMITED ONE YEAR GUARANTEE

Chemat Technology Inc. warrants the KW-4AD Dispenser against defects in materials and workmanship, under normal use from the confirmed date of purchase, by the original purchaser. Upon written notice of any defects, Chemat Technology Inc. will either repair or replace the faulty product or components thereof. Any warranty stated hereunder is extended to the original purchases and is not transferable.

Chemat Technology Inc. does not assume liability for consequential damages or liability as a result of our product's use. Chemat Technology Inc. liability extends, but does not exceed, the original selling prices of the equipment. In addition, there is no assumption in the following:

1. Shipment to or from the customer or Chemat Technology Inc.
2. Improper environment, temperature extremes, electrical power surges or failure or other misuse or negligence.
3. Adjustment or repair by personnel not authorized by Chemat Technology Inc.
4. Improper installation or failure to follow installation instructions.
5. Forces beyond the control of Chemat Technology Inc. including but not limited to an act of God, war, insurrection, civil disturbance, natural disasters, labor disputes or government regulations.

In order to obtain service under this guarantee, you must first call Chemat Technology Inc. Mechanical Engineering department and obtain a Return Authorization number before shipping the product to Chemat Technology Inc.

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