The fully programmable Microprocessor Controlled dispensing of epoxy ensures precise dot size. The **EPOXY DISPENSE HEAD** contains a 1cc reservoir for Epoxy. A variety of dispense needles are available to suit most applications. Dispense elevation is programmable. Following the dispense sequence; the machine automatically calls for the **VACUUM PICKUP TOOL** when the tool head assembly is lifted to a programmed elevation from the work. The Machine can be programmed for operator input to toggle between the **EPOXY DISPENSE TOOL** and the **VACUUM PICKUP TOOL** for pick and place operation.

The **VACUUM PICKUP TOOL** has a flat-faced Delrin tip with a vacuum through hole. A broad range of die sizes can be handled with a single tool. Die selected from practically any carrier media can be manipulated and rotated (360°) into position. Vacuum can be turned On or Off either by contact with the die surface or by control of the operator at any elevation.

### STANDARD SPECIFICATIONS:

- **CONTROL LOGIC:** Motorola 68000 Microprocessor
- **MEMORY:** 256KB RAM
- **DEVICE STORAGE:** Single Device
- **DISPLAY:** 40 Character, 4 Line LCD
- **Z-ENCODER RESOLUTION:** 0.001”
- **TOOL Z RANGE:** 0.625”
- **THROAT DEPTH:** 5.25”
- **BOND FORCE RANGE:** Adjustable, 5 – 75 grams
- **ESD PROTECTION:** Protection against Electrostatic Discharge

- **PICK-UP TOOL LENGTH:** 0.625”
- **EPOXY DISPENSE NEEDLE LENGTH:** 0.400”
- **EPOXY DISPENSE NEEDLE BORE:** 0.006” – 0.073”
- **MICROMANIPULATOR:** Counterbalanced, single lever X-Y-Z / 8:1 ratio
- **WORK PLATFORM:** Fixed height. Adjustable height priced separately
- **MICROSCOPE:** Selection available, (ESD types available)
- **ILLUMINATOR:** Selection available, (ESD types available)
- **WORK HOLDERS:** Selection available, priced separately