

# WEST·BOND. INC.



**7200CR SERIES**

**MANUAL EPOXY DIE BONDERS**

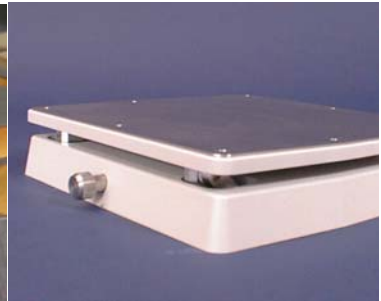
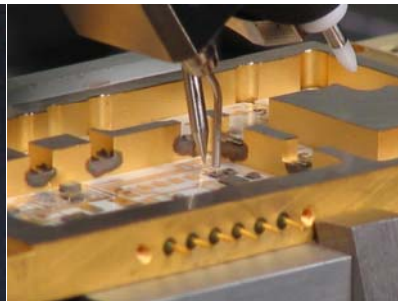
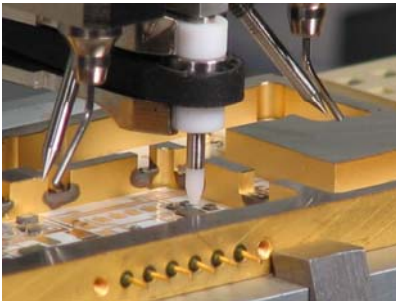
*Continuing a Tradition of Quality*

**7200CR – Manual Epoxy Die Bonder**  
**7201CR – Dual Dispense Epoxy Die Bonder**



The fully programmable Microprocessor Controlled dispensing of epoxy ensures precise dot size. Each **EPOXY DISPENSE HEAD** contains 2  $\frac{5}{8}$ cc reservoirs 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:** 0.6875"  
**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 & planarity control sold separately  
**MICROSCOPE:** Selection available, (ESD types available)  
**ILLUMINATOR:** Selection available, (ESD types available)  
**WORK HOLDERS:** Selection available, priced separately

**[www.westbond.com](http://www.westbond.com)**

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