

WEST·BOND. INC.



7200CR SERIES

MANUAL EPOXY DIE BONDERS

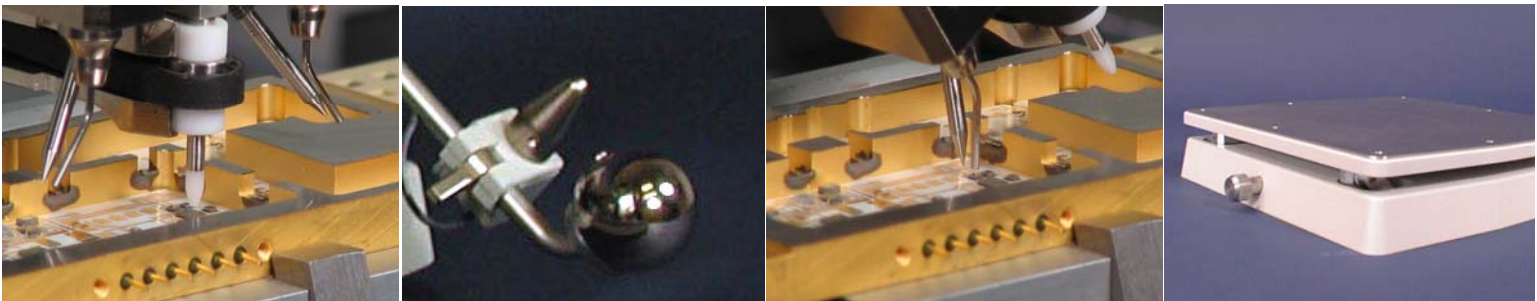
Continuing a Tradition of Quality

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.acrosemi.com



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