

WEST·BOND. INC.



7200CR SERIES

MANUAL EPOXY DIE BONDER

Continuing a Tradition of Quality

7200CR – Manual Epoxy Die Bonder



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

www.westbond.com

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