

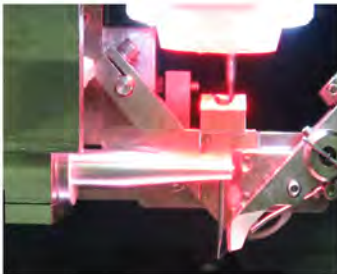
Model RB-630

Rotary Head Wedge Bonder

RB-630

RB-630 Main Features :

- > Bonding Speed up to 4 wires per second
- > Bonding Area up to 200 mm x 150 mm
- > High resolution and accuracy XYZT movements
- > Digital Bond Quality Monitoring and Enhancement system
- > Up to 5 mm clearance for SMT components
- > High resolution CCTV with automatic focusing and lighting adjustment
- > Automatic Die and Bond Pad alignment to enhance bonding accuracy
- > Multi Die bonding capability
- > Automatic non-stick and missing wire detection
- > "Windows" based user friendly operating menu with LCD color monitor
- > Standard PC Trackball and USB Interface Keypad
- > Modular design of Bonding Head
- > Simple and convenient set-up and maintenance
- > Solid structure with R/Y/G Tower Light indicator
- > High return of investment



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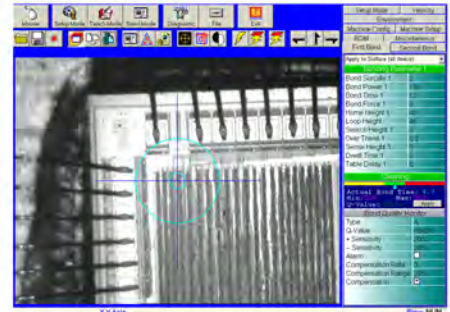
Specifications :

- Bonding Head
 - Wire feed angle 30 degree - standard
50 degree - optional
 - Bonding speed 4 wires / sec.
 - Bonding wire 0.7 – 2 mils dia (17-50 μ m)
 - Ultrasonic System Microprocessor Controlled 100 KHz
- XY Table
 - Bonding area 200mm x 150mm
 - Resolution 解析度 0.4 μ m
- Z Motion
 - Travel 13mm
 - Resolution 0.4 μ m
- Angular Motion (Theta)
 - Rotation Angle +/- 200 degree
 - Resolution 0.008 degree
- Programmable Bonding Parameters
 - Bond force 15 – 120 gr
 - Bond time 0 – 255 ms
 - Ultrasonic power 0 – 5 Watts, 256 channels
 - Loop height 50 – 2,000 μ m
- Pattern Recognition System
 - Imaging 256 Grey Scale
 - Accuracy 1/4 Pixel
- Electronics
 - Controller Industrial PC
 - Motor Drivers AC Servo
- User Interface
 - Display Screen Color LCD
 - Input Device PC Track Ball and Keypad
 - Permanent Storages >40 GB HDD, 1.2 MB FDD
- Utility, Size and Weight
 - Power 220V/110V, 600 Watts
 - Dimension 820mm wide, 870mm deep, 1600mm high
 - Weight 600 Kg

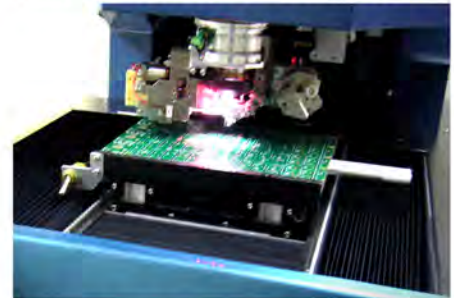
Options:

- 6X Stereo Zoom Microscope
- Custom Work Holder
- Extended XY Table of 250 mm x 150 mm
- Magazine Elevator and Automatic Feeder
- 50 Deg Wire Feed Modular Bonding Head

RB-630



User friendly operation menu



Rotary Bond Head and Work Holder



Input/Output Magazine Feeder

Headquarters & Factory

DIAS Automation (HK) Ltd.

Unit 7-8, 3/F, Block A, Merit Industrial Bldg.,
94 Tokwawan Road, Kowloon, Hong Kong
Tel. : (852) 2333-3213, 2333-6298
Fax : (852) 2356-2860, 2764-0187
Email : sales@diasautomation.com

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www.diasautomation.com