

Die Sorter Platform PP400



JFP PP400 Serie

The JFP PP400 series is designed for all high density substrate based applications, such as Matrix BGA, PBGA and many others as well, as lead frame applications such as GFN/MLP.

A unique maintenance free, high speed transfert head is the heart of the system.

The PP400 series provide customers with the highest quality and best cost/performance system on the market.

Our proven expertise in bonding application effectively provides the technology and support to help our customers. The PP400 is extremely user friendly and require minimal training to operate.

Die & Substrate

- Minimum die size 150*150µm
- Maximum Die size: 15*15mm up to 2000/h
- Placement accuracy: <20µm
- Single chip multiplacement
- Wafer size: 6": option 8" and 12"
- Substrate handling: up to 200400mm

Substrate Table

- Motorized : X=100µm and Y=200mm x1µm
- Vibration free
- Motion control with progressive joystick

Module PP 400

- High speed pick up & transfert head
- Travel lenght 300mm
- Pick up component detection
- Touch down contact detection
- Z programmable speed
- Place force programmable
- Low pressure puff-off controller
- Global or local alignment per position

Vision / Optics

- Pick alignment done by operator
- Color Camera, with digital crosshair, TFT monitor 17"
- Optical Zoom 10X or Fix lenses for automation
- Optical zoom up to 170X, fix lens up to 250X
- Manual and automated Placement, programmable
- Adjustable lighting oblique & vertical, per camera
- Direct placement
- 2 references points for auto-centering placement

Parameters/Application

- Menu display, Windows XP pro
- User interface: GUI supported by expert panels
- Programmable Force, and Time
- Indexed Pick and placement mode
- Programmable Eutectic cycle

OPTIONS

- Stamping or Dispenser
- Eutectic, Gaz environment (forming Gaz)
- Up to 3 heads configuration
- Off-Line bond positions interpreter

Technical Specifications

Voltage:	100 / 230VAC 2 kva
Size:	1200*950*1450 mm
Weight:	300 kg.

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