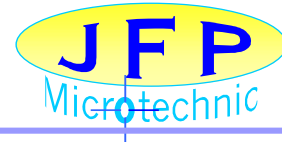


JFP Model PP5-7



REWORK STATION & DIE BONDER



The model PP5-7 Rework Station is designed for accurate Die Removal, Bond Area Planner, Solder Balls Removal and Local Vacuum Cleaner, with outstanding accurate Placement capability of delicate Devices on Substrate or deep Packages. (Optional Flip).

Pick and Place from Wafer, from Waffle Pack, Gel-Pak or bulk Die media . PP5-7 achieves a placement accuracy better than $<5\mu\text{m}$.

Efficient Die Remover system, with Dual Action, including local Hot Gaz and adjustable Shear Effect, compatible with very small Dies ($<200\mu\text{m}$), in very high density Hybrid Devices.

Adjustable Routine for solder Balls removal, for Surface Planner and Vacuum Cleaner.

A robust, and reliable mechanical concept, designed to be external vibration free.

Easy to use, flexible, the PP5-7 requires only minimum training to operate

SYSTEM

- PC and microcontroller
- Frame
Vibration free

DIE & SUBSTRATE

- Minimum die size $150*200\mu\text{m}$
- Maximum die size $20*20\text{mm}$. Option more
- Substrate Up to 300 mm standard.

VISION SYSTEM

- Field of view 1,2 mm or ZOOM
- CCD Color camera high resolution
- Digital Video Mixer (Flip Option)
- TFT monitor 17"
- Target generator
- LED lightings & pen light
- Direct placement
- 2 references points for auto-centering placement

XY TABLE

- Motorized X 260mm, Y 120mm / $1\mu\text{m}$ display
- Motion control with progressive joystick weight

PARAMETERS & DISPLAY

- TFT monitor
- Programmable force 10gr to 700gr
Opt: Heavy duty Bond Head
- Programmable bond time
- Adjustable Cleaning Parameters
- Programmable Row for ball removal
- Programmable line for Bond Surface Planner

OPTIONS

- Ultrasonic
- Dispenser
- Stamping
- UV
- Eutectic / Reflow
- Eject sytem for Wafer Sorter
- Hot gaz gun or micro jet hot gas.
- Heated chucks

TECHNICAL SPECIFICATION

Power:	100 / 230VAC 500watt
Vacuum:	70%
Dimensions:	650*820*1450mm
Weight:	90kg.

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