

# JFP Model PP-One

The machines which require minimal training to operate



## Laser Diode-Bar Sorter Wafer sorter Manual Micro-Placer



The Manual Sorter PP-One model is designed for accurate Picking and Placement of delicate devices as Laser Diodes and Laser Bars. The machine will pick the components from wafer hoops to place them into GelPack or Waffle Packs...

The machine provides a simple solution for epoxy stamping bonding, using a double head combination.

Standard zoom magnification is continuously adjustable.... It achieves high accuracy placement using required adjustable magnification.

PP-One is a robust, and reliable mechanical concept, easy to use, flexible, requires only minimum training to operate

### SYSTEM

- Table Top machine
- Manual Transfert Arm
- Vertical Z motion
- Tool holders compatible with PP5 serie

### DIE & SUBSTRATE

- Minimum die size 150\*150µm
- Maximum die size 15mm.
- Substrate, WafflePack, Up to 350 mm.
- Wafer up to 8".

### VISION-ALIGNMENT SYSTEM

- Field of view: Optical zoom, 2 up to 20 mm.
- Optical Zoom : 20X up to 180X
- Vertical vision of die and package
- 2 CCD Color camera high resolution
- Digital CrossHair
- Adjustable digital video Box generator
- TFT monitor 17"
- LED lightings & pen light
- Direct Placement
- Fine Video Offset adjustments

### TABLE

- Manually handled
- Height adjustable workholders
- Working area : 200x400 mm

### PARAMETERS

- Low Picking Force: 10gr
- Place Force adjustable

### OPTIONS

- Dual head for stamping
- Stamping, rotary dish and adjustable blade
- Eject sytem from wafer (Rings or Hoops)  
Compatible for Laser Diodes and long Laser Bars  
- Wafer Expender solution to be provided separatly -

### TECHNICAL SPECIFICATION

Power:	100 / 230VAC 150watt
Vacuum:	70%
Dimensions:	650*680*620mm
Weight:	25 kg.

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