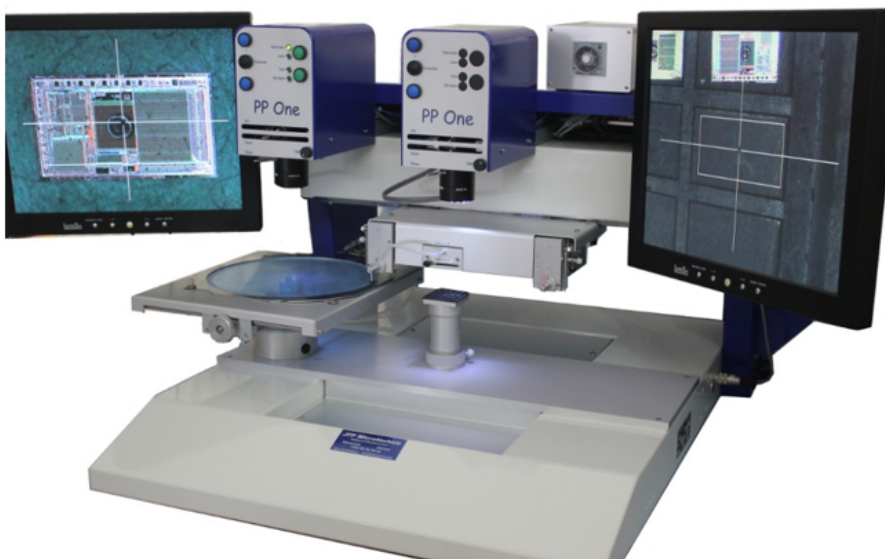


JFP PP-One

The machines which require minimal training to operate



MICRO-PLACER Small Parts PACKAGING EPOXY DIE BONDER



The Manual Sorter PP-One model is designed for accurate Picking and Placement of delicate IC devices, Laser Diodes /Sensors and micro-Mechanical Parts.

Optional wafer ejector kit to pick the components from wafer hoops ...

Dual head solution provides a simple solution for high throughput, including epoxy stamping.

New High resolution Cameras, magnification is continuously adjustable.... It achieves Place accuracy using proper magnification.

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

- **PP1 provides appropriate Platforms for:**
- Compact Laser Bar Stacker /Unstacker
- Characterization/Test of lasers
- High Flexibility and controlled parameters,
- Interface/Guy Menu on PC.

SYSTEM

- Table Top machine, or stand alone.
- Motorized Transfert Arm +Vertical Z
- Vacuum Tool holders, as PP5 series
- Dummy cycle: 700 cph
- Throughput: 300-400p/hour

DIE & SUBSTRATE

- Minimum component size 100*100µm
- Component size 20mm.
- Wafer sorter, compatible up to 8".

Workholders

- Manually handled
- Height adjustable workholders
- Working area : 200x300 mm
- External Timer Controller

VISION-ALIGNMENT SYSTEM

- Field of view: adjustable
- Optical Resolution:
4µm/pixel, or 1,5µm/pixel

- Maximum Field of View: 11m or 4mm
- 2 CCD Color cameras high resolution
- Digital CrossHairs
- Adjustable digital video Box generators
- 2 TFT monitors, 17"

FEATURES/PARAMETERS

- Low Picking Force: <7 g
- Slow touch down speed for delicate device
- Repeatability : +/- 15µm
- Place Force adjustable

CONFIGURATIONS

- Micrometer X&Y Stage Bases (Pick//Place)
- Single-Head/Single Camera or Dual Camera
- Dual head for stamping/Dipensing
- Stamping, rotary dish and adjustable blade
- Eject sytem for wafer (Hoops or Frame)

Options

- Mini-gripper pickup tool
- Automatic Place stepper, motorized table Kit
- Inspection Camera+Zoom

TECHNICAL SPECIFICATION

Power:	100 / 230VAC 300watt
Dry air	5 bar
Vacuum:	70%
Dimensions:	650*680*620mm
Weight:	50 kg. 60kg <u>incl.Mon</u>

JFP Microtechnic® is a registered trademark