

Automatic Pick n Place machine TP210+

Automatic pick and place machine TP 210+ is a mini-type desk high speed pick n place machine. It is a cost and effective machine.

TP210+ can mount 0402, 0603, 0805,1206 etc and SOP, SOIC (size under 20*20mm, PIN foot less than 24)

TP210+ equips 52 pcs of feeders (different sizes of feeder can choose), Z axis can route freely. It can meet mounting require of various of angle component.

Features:

Main parts:

- Step motor with an angle change function
TP210+ can mount 45°, 90°, 180° angle component.
- Dual Parallel square-type wide guiderail
Compared with balling guiderail, the guiderail has a small space to ensure precision accuracy.
- Visional+ machinery position system
Camera nearby mounting head can magnifying ' + ' cursor to make Mark point position more accurate
- No-contact flying centering system
Flying centering system can mount most of SMD components include: 0402, 0603, 0805,1206 etc and SOP, SOIC (size under 20*20mm, PIN foot less than 24)
- Flexible reference point system(RPS):
In addition to standard Round reference point, square PCB pad and ring PCB pad with hole also can be identified as a reference point.
- All-purpose automatic feeder
52 pcs at most of automatic feeder, 8mm, 12mm,16mm, 24mm, you can choose to install according to your component type and your required speed.
it uses unique Air suspended pick-and -place head design which can transmission several kinds of large and small component.
- Protel file of component data import
Software control, limitless data file can save in PC, you can call them at any time when you need, easy to operate.



Technology parameters Function

Type	TP210+
Max PCB size	300x200mm
max moving range	400x460mm
max moving range of Z axes	10mm
Max pick&place speed	4600cph
Typical pick&place speed	2600-3000cph
max pick&place accuracy	±0.014mm
repeat accuracy	±0.05mm
Positioning	Visional Position+ Machinery Position
Component Available	0402, 0603, 0805,1206 etc and SOP, SOIC (size under 20*20mm, PIN foot less than 24)
Program way	Software program input
Driving mode	use industrial Synchronous belt to drive
Automatic Feeder	8mm,12mm,16mm,24mm feeder can choose

Feeder Num	Can set 52 pcs of 8mm feeder
IC Plate Num	More than 2
Operating system	WINDOWS XP
compressed air	80psi (0.5Mpa)
Power supply	220V,50Hz
Weight	95kg
Dimension	980×1000×590mm