

## Automatic Milling & Implanting Machine

Model: AMIT-5000

### Purposes:

For ISO7816 standard IC card milling, IC implanting and ATR test.

### Advantages:

- 1、 The precision of the milling groove is high. the precision of the milling fixture is accurate, and don't need to adjust the plane of the milling tool fixture.
- 2、 Milling groove drawing, level, depth can be programmed independently through the software interface.
- 3、 There is an dust detection function after milling, to ensure the quality of IC module implanting.
- 4、 When moving the chip,there is 180 degrees rotation, to meet different direction of module tape.
- 5、 Software password level can be set according to different people, such as operator password, administrator password etc.



### Function feature:

- 1、 The transmission belt uses the card longitudinal feed, the machine structure is more compact, the transmission is quick and accurate.
- 2、 Single magazine can hold 500 pcs cards, electronic eye can check whether the card is in place.
- 3、 There is a double Cards dual detection function, and automatic alarming & stopping.
- 4、 There is a direction detection function. If placing wrong direction, the afterword stations are not working, and automatically pick the card out.If the error continuous,the machine will alarm and stop..
- 5、 Milling fixture is smooth,high-abrasive and high accurate .
- 6、 Milling groove drawing, level, depth can be programmed independently through the software interface.
- 7、 There is an dust detection function after milling, to ensure the quality of IC module implanting.
- 8、 There is a module detection function .If there in no module on the card,it will alarm&stop.
- 9、 Three hot implanting stations. There is a floating bottom board to adjust the height.
- 10、 Cooling station,to ensure good implanting.
- 11、 ATR detection station. The bad cards will be picked out.
- 13、 There are material placing station, adhesive tape station,punching modules station, collecting waste material station,and alarming function.
- 12、 There are 3sets buttons at the left/right\ behind of the machine,to ensure operate conveniently.
- 13、 IPC+Servo system control, the main features are high precision milling&implanting.
- 14、 Circuit meets CE requirements. Machine operation is safe and reliable.

**Notes:** above specification is subject to change without prior notice due to continuous improvement.

### Specifications:

Item	Details	Item	Details
Max.Milling size	14X14mm	Suitable Materia	PVC, ABS, PETG, PC etc, ISO7816 standard cards
Milling Accuracy	X,Y = +/- 0.015mm Z = +/- 0.01mm	Spindle speed	1000-25000 r/min
Throughput	3500 UPH	Yield	99.5%
Gas consumption	450L/min	Power	AC380V, 50/60Hz, 3kw
Weight	1000 kg	Air pressure	6kg/cm <sup>2</sup> , clean, dry and oil-free
Size	L2000mm×W800mm×H2200mm	Environment	22 C , + 3 C , dry and dust free

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