# ES



## Automatic Milling & Implanting Machine Model: AMIT-5000

#### Purposes:

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

### Advantages:

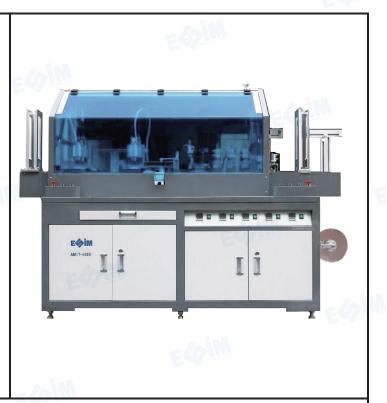
1. The precision of the milling groove is high. the precision of the milling fixture is accurate, and don't need to adjust the plane of the milling tool fixture.

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.



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### 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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