

AI-300

Application Advantages

- In-Reel Inspection Capability
- Quantity Counting Function
- Dotting Function
- Integrated Working Interface



The AI-300 is an automated optical inspection system specifically designed for IC devices. It features a 1.6-megapixel camera system and is primarily utilized to detect disorientation, missing parts, empty spots, and bent leads. One of its notable features is the dotting function, which enhances its capabilities.

Specification

BASIC Parameters	Model: AI-300 Size: 1000mm(W)*600mm(D)*1360mm(H) Net weight: 150 kg Energy consumption: single-phase AC 220 V, 50 Hz, 0.4 kw Compressed air flow > 120L/min
Device Performance	High speed stepper motor handling Detection speed: 10K-40K/hour Failure rate < 100 hours per session
Operating System	Self-developed controller + 7-inch human-machine interface 19-inch LCD display I/O mouse key piece Industrial computer OS: Windows 7 Peripheral expansion port RJ45*1/USB*2 Perfect production data statistics
Processing Capability	Suitable for braiding and packing chip. Support package form SOP BGA OFP DFN CSP Package size 2*2 mm to 20*20 mm Feed one roll at a time, discharge one roll
Software Capability	Total statistics, including yield percentage, good count, failure count, total input Material shortage pause, NG pause function. With data formula function, easy to change the line. With a rich single - step operation function, adjust the machine, verification, maintenance more user-friendly

