# **Desktop Automated IC Programming Equipment**

### Introduction

AH-160B is a compact automated programming equipment supporting Flash and Microcontroller. AH-160B can be used in the office, lab or on the production line. Moreover, AH-160B is the best programming solution for the high-density devices because it's superb ultra-high throughput and affordable price.



### **Standard Accessories**

AH-160B-I internal pneumatic or AH-160B-E external pneumatic x1 BeeHive204AP programmer ....x1 CD .....x1 (Included driver and manual) USB cable .....x1 AC cable ....x1

## **Features**

## • Office Automation Design

The system power is 100~240V. No need any air facility. Just connect an USB cable to PC, and feed the IC tray, run the operation software. AH-160B satisfy your office and lab automation need. On the other hand, AH-160B is provided the external pneumatic type for production line as well.

# Flexible Ultra-high Programming module

AH-160B build in BeeHive204AP programmer x 1 which is able to support 4 reliable and outstanding quality programming.

### Friendly Operation

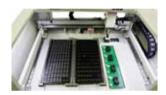
AH-160B provides easy-to-learn and easy-to-use software and hardware. The GUI software provides automatic history record function. Moreover, it provides calibration wizard which makes to change package module and calibrate much easier. The hardware is designed for plugand play for you easy to reach self-learning.

### • Ultra-high Throughput

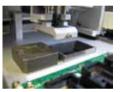
AH-160B is special design for automatic tray-in/out programming solution. The state-of-art robotics deliver 550/uph at the zero programming time.

### • CCD automatic calibration module

The AH-160B provides CCD automatic calibration module. It is able to do the self-positioning for the socket which make AH-160B move precisely and quickly.







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	Throughput	550 U.P.H ( zero programming time)				
Transmission	Repeatability	X axis $\pm 0.03$ mm, Y axis $\pm 0.03$ mm, Z axis $\pm 0.2$ mm, Bar axis $\pm 0.01$ mm				
System	Max. Stroke	X axis 400mm, Y axis 310mm, Z axis 18mm, Bar axis 5mm				
	Pick & Place Method	Single Vacuum Nozzles				
Position System	Positioning	Preprocessor				
_	Preprocissor Device Dimensions	30 x 30mm				
CCD	Sensor	CMOS				
Image recognition	Dynamic resolution	5 Mega Pixels				
Programming	Resident Programmer	High Speed Gang Programmer				
System	Socket Site	4 Sockets				
_	Device supported	NOR Flash, NAND Flash, EEPROM				
	File Formats Supported	Binary / Machine Code, Intel HEX, TEK HEX, Motorola HEX				
Feeding System	Manural Tray-in / out	JEDEC stander				
Physical	Dimensions	520 x 700 x 550mm				
Specifications	Net Weight	70KG				
PC System	Operating System	Windows7 / Vista / XP (32bit & 64bit)				
Requirements	Processor	Core 2 Duo above				
	Memory	2GB RAM above				
	Hard Disk	500 MB above, Buffer 4GB above				
	Interface	USB 2.0 High Speed				
Operation	Input Voltage	AC100V~240V, Single-phase, 3-wires				
Requirements	Input Frequency	50 / 60Hz				
	Power Consumption	200W(Max)				
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### **Optional Accessories**

TSOP, TSSOP, BGA, uBGA, VSOP, SOP, SSOP, PLCC, WSON, QFN