

AH-160B

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 programmerx1
CDx1
(Included driver and manual)
USB cablex1
AC cablex1

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 plug-and 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.



Specification

	Throughput	550 U.P.H (zero programming time)
Transmission System	Repeatability	X axis $\pm 0.03\text{mm}$, Y axis $\pm 0.03\text{mm}$, Z axis $\pm 0.2\text{mm}$, Bar axis $\pm 0.01\text{mm}$
	Max. Stroke	X axis 400mm, Y axis 310mm, Z axis 18mm, Bar axis 5mm
Position System	Pick & Place Method	Single Vacuum Nozzles
	Positioning	Preprocessor
	Preprocessor Device Dimensions	30 x 30mm
CCD Image recognition	Sensor	CMOS
	Dynamic resolution	5 Mega Pixels
Programming System	Resident Programmer	High Speed Gang Programmer
	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 Specifications	Dimensions	520 x 700 x 550mm
	Net Weight	70KG
PC System Requirements	Operating System	Windows7 / Vista / XP (32bit & 64bit)
	Processor	Core 2 Duo above
	Memory	2GB RAM above
	Hard Disk	500 MB above, Buffer 4GB above
	Interface	USB 2.0 High Speed
Operation Requirements	Input Voltage	AC100V~240V, Single-phase, 3-wires
	Input Frequency	50 / 60Hz
	Power Consumption	200W(Max)

Optional Accessories

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