# AH-160

## Desktop Automated IC Programming Equipment

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

## Features

### Office Automation Design

The system power is 110~220V. No need any air facility. Just connect an USB cable to PC, and feed the IC tray, run the operation software. AH-160 satisfy your office and lab automation need.

### Flexible Ultra-high Programming module

AH-160 build in SU-320 x 4 which is able to support 4~16 reliable and outstanding quality programming.

### Friendly Operation

AH-160 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-160 is special design for automatic tray-in/out programming solution. The state-of-art robotics deliver 500/uph at the zero programming time.



Modularization design for 4-16 side programming.



Easy-to-learn & easy-to-use software.

## Specifications

| | | |
|---|---|---|
| | Throughput | 500 U.P.H ( zero programming time) |
| Transmission System | Repeatability | X axis ±0.03mm, Y axis ±0.03mm,  Z axis ±0.2mm, Bar axis ±0.01mm |
| | Max. Stroke | X axis 400mm, Y axis 310mm, Z axis 18mm, Bar axis 5mm |
| | Pick & Place Method | Single Vacuum Nozzles |
| Position System | Positioning | Preprocissor |
| | Preprocissor Device Dimensions | 30 x 30mm |
| Programming System | Resident Programmer | SU-320 Stand-along Universal & Gang Programmer |
| | Socket Site | 4~16 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(H) x 700(L) x 550(W)/mm |
| | Net Weight | 40KG |
| 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) |

## Standard Accessories

※ AH-160 Main unit x 1
※ SU-320 Stand-along Universal & Gang Programmer x1
※ CD(included driver and manual)x1
※ USB cable  x 1
※ AC cable  x 1

## Optional Module Adapter

NOR-TSOP48-X4, NOR-TSOP56-29-X4, NOR-TSOP56-J3-X4, NOR-TSOP56-P3-X4,
SFLASH-SOP16-X4, SFLASH-BGA24-4x6B-X4, SFLASH-BGA24-5x5B-X4,
SOP8-207-X4, SOP8-150-X4, SON8-4x4-X4, WSON8-1.97x2.46-X4,
WSON8-2x3-X4, WSON8-5x6-X4, WSON8-6x8-X4
BGA64-J3-P3-X4(10x13), BGA64-J3-P3-X4(10x8),
BGA64-29-X4(10x13), BGA64-29-X4(11x13), BGA64-29-X4(9x9)
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