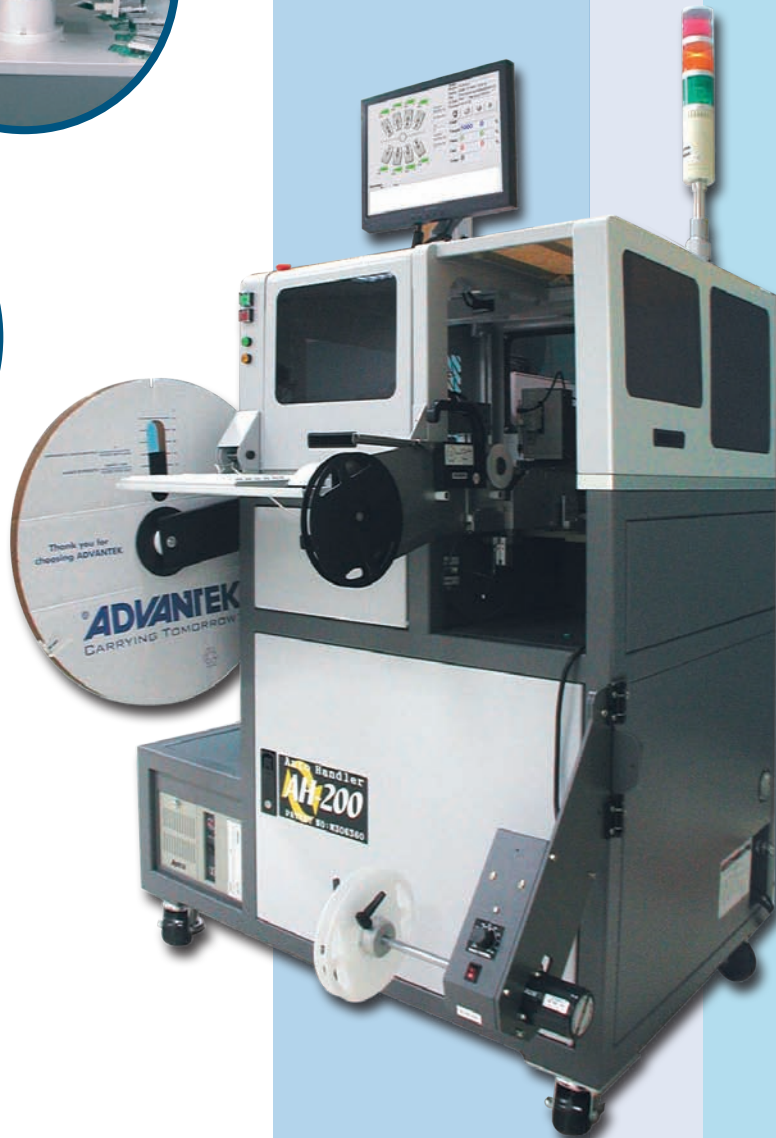
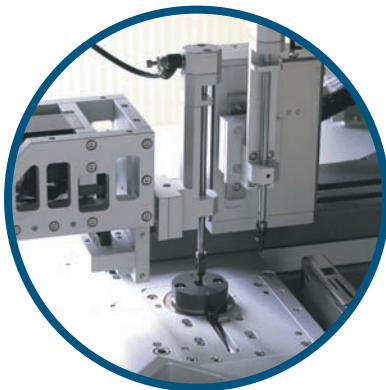
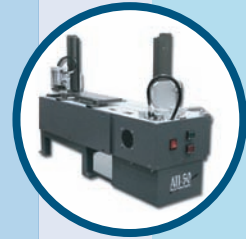


AH-200

Automated Programming System



Automated Programming System



AH-200

Standard Accessories

- AH-200 Automated Programming System
- SU-1000 Gang-4 Programmer x 2sets
- AH-200 Users manual x 1

The innovative design of AH-200 obtains Patent certificate of

"Improvement in picking & positioning system of IC programming instrument."

Patent certificate No.:

M 306360

Introduction

AH-200 is the most economic & effective automated programming system, which offers a special design for the tiny package of Tube/Tape device. It's a unique design and technology for the rotary robot to pick the devices. According to a high-speed programmer can bring AH-200 into full play to enhance the programming production.

Feature

- **High-performance:**
The product not only could meet a variety of input and output options with tube and tape but also provide programming, marking and packing.
- **Intelligent Operation**
Automatic loading, positioning, programming, marking and sorting with the system control.
- **Efficient programming system**
Provide high-speed and high-stable programming environment with SU-1000 programming system.
- **Marking machine**
System offers dots, number or character marking for tube and tape IC.
- **Convenient to maintain**
The special modular design makes the IC packages easily to change and maintain
- **Powerful operation software**
User-friendly and powerful operation software, which can record all of the production details for the supervisor & OC.

Optional Accessories

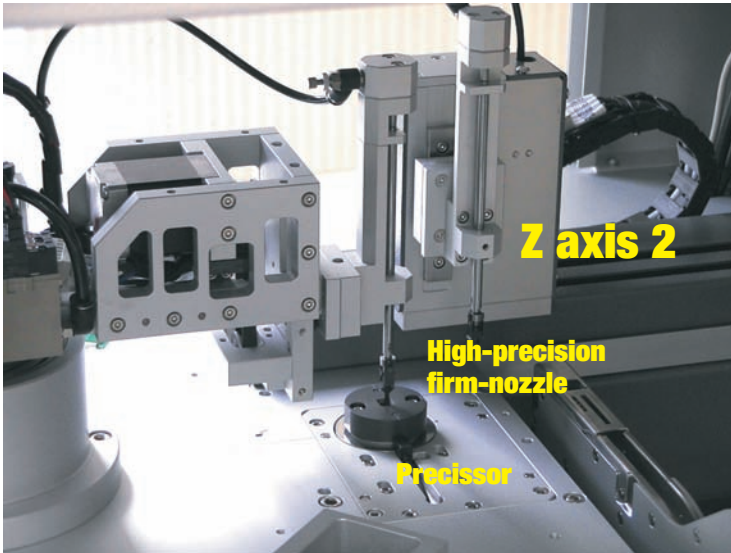
- **Tube in:**
Tube Loader ATI-50-xxxkit
(xxx:IC size) about 35kg
- **Tube out:**
Tube unloader ATO-50-xxxkit
(xxx:IC size) about 26kg
- **Tape in:**
Power Feeder ATF-1-xxxkit
(xxx:IC tape width) , about 2kg
- **Tape out:**
Taping Machine ATM-100 , about 30kg
- **Mark machine:**
Mark Tube out / Tape out devices
(MK-1)
- **Press Bar**
- **Driver Board:**
We strongly recommend it is better to prepare consumables for replacement.
- **Precissor:**
AH-200-08-xxx(xxx:IC size)

* Please contact Leap sales for a correct P/N when you need to purchase accessories.



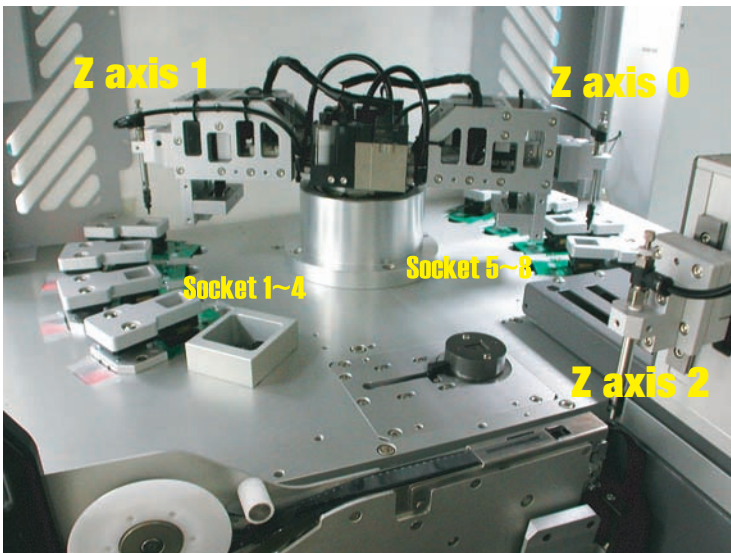
More product information

TEL:02-2999-1860#15 Lillian
E-mail: Lillian@leap.com.tw



Precisioner beeline loading position Function:

- Pick IC device from a Feeder by the vertical axis of the vacuum nozzle (Z axis A) then place IC device into Precisioner by the horizontal axis (Z axis A) to completely position motion.
- Offer the deflection correct function of the IC Device
- High-reliable pick-place Z axis (B&C) combines with high-precision firm-nozzle



Rotating and loading motion:

Function:

The motion is composed by vertical-motion axis plus a vacuum firm-nozzle (Z axis B). Pick IC device from Precisioner and move to Socket position by rotate motion shaft (Z axis B) then place IC into Socket X to execute programming.



High-speed & great precision precisioner: UPH is up to 1.5K

More product information

TEL:02-2999-1860#15 Lillian
E-mail: Lillian@leaptronix.com.tw

Interface support:

AH-200 provide the easy installation Tape/Tube auto-loader, Tape/Tube auto-unloader and marking machine to increase production efficiency.



ATM-100



ATI-50-xxxkit



ATF-1



ATO-50-xxxkit



ATM-100
Taping Machine

ATI-50-xxxkit
Tube Loader

ATF-1
12mm~34mm Power Feeder

ATO-50-xxxkit
Tube Unloader

Automated Programming System "AH-200"

AH-200 Product Specification

Component Handling System	Throughput	UPH 1.5k
	Repeatability	X axis + 0.02mm R axis 0.067° Z axis + 0.02mm
	Max. stroke	X axis 200mm R axis 330° Z axis 30mm
	Pick & Place method	Single vacuum nozzles
	Component detection	Vacuum sensor
	Dimensions	1400(H) x 1000(L) x 800(W) mm
	Dimensions(Include ATM)	1400(H) x 1000(L) x 1400(W) mm
	Net Weight	~270kg
	Position System	Positioning
Precissor Dimensions		max 17.5 x 17.5 mm
Programming System	Resident programmer	SU-1000 GANG-4 Programmer
	Programming site	4sites x 2sets = 8sites
	Pin driver	64 universal pin drivers per set
	Devices supported	EPROM, EEPROM, FLASH, MCU
	Applicable packages	SOP, SSOP, SON, PLCC-20, PLCC-28, PLCC-32, PLCC-44
	File formats supported	INTEL HEX, MOTOROLA HEX, TEK MEX, ASCII HEX, BINARY...
	User RAM	32M bits
	Communication	Parallel port
	Safety	CE compliant
I/O Devices	Tube-in	150mil, 207mil, 300mil Package available: 30 tubes auto each package
	Tube-out	150mil, 207mil, 300mil Package available: 30 tubes auto each package
	Tape-in	Available for tape with 12~24mm tape width
	Tape-out	Press-sealing mode. Accept tape with 12~24mm
	Control	Operating system
Display		15" TFT LCD monitor
Data entry		keyboard/mouse
Operating Requirements	Input voltage	AC200~245V, Single-phase, 3-wires
	Input line frequency	50/60Hz
	Power consumption	1.5 KVA
	Air pressure	0.6MPa(~6.0kg/ cm ²)
	Air flow	32 liter/min.