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 JAPAN UNIX

GLOBAL NETWORK

JAPAN UNIX Global Network

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Guadalajara, Jal. 44520, Mexico

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UNIX SOLDERING MEXICO S.A. de C.V.
IZA Pabellon M Benito Juarez No. 1102
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Hungary Office(Budapest)
Unix Soldering Europe Kft.
1037 Budapest, Montevideo utca 4, Hungary

Distributors

North and Central America
USA, Canada, Mexico

South America
Brazil

Europe
UK, Italy, Finland, France, Germany, Norway, Spain, Czech Republic, Slovakia,
Hungary, Romania, Turkey, Poland, Ireland

East Asia
China (Shanghai, Suzhou, Beijing, Shenzhen, Chengdu, Chongqing, Xian,
Hong Kong), S.Korea, Taiwan

Southeast Asia
Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam

Southern Asia
India

Oceania
Australia

Middle East
Israel

JAPAN UNIX CO., LTD. <http://www.japanunix.com>

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•Korea Office •Shanghai Office •Shenzhen Office •Taiwan Office •Malaysia Office •Mexico Office •USA Office •India Office •Hungary Office

• This catalog reflect the products as of December 2024. The product appearance and specifications can change without notice.
• Read the operating instructions attached to the product carefully before you use it.

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PLEASE NOTE THAT JAPANESE MANGA BOOKS ARE READ FROM RIGHT TO LEFT. SO PLEASE PAY ATTENTION TO THE READING DIRECTION.

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◆ CHARACTER INTRODUCTION



SHOZO KONO

FOUNDER OF JAPAN UNIX. HAILING FROM A VILLAGE IN KAGOSHIMA THAT CARRIES ON THE SPIRIT OF THE SATSUMA SAMURAI. AFTER JOINING A MAJOR STATIONERY MANUFACTURER IN TOKYO, HE QUICKLY RECOGNIZED THE POTENTIAL OF SOLDERING AND FOUNDED JAPAN UNIX. OVERCOMING HARDSHIPS WITH HIS COLLEAGUES, HE GREW THE COMPANY INTO A GLOBAL ENTERPRISE IN HIS LIFETIME.

TAKASHI MIYAMOTO

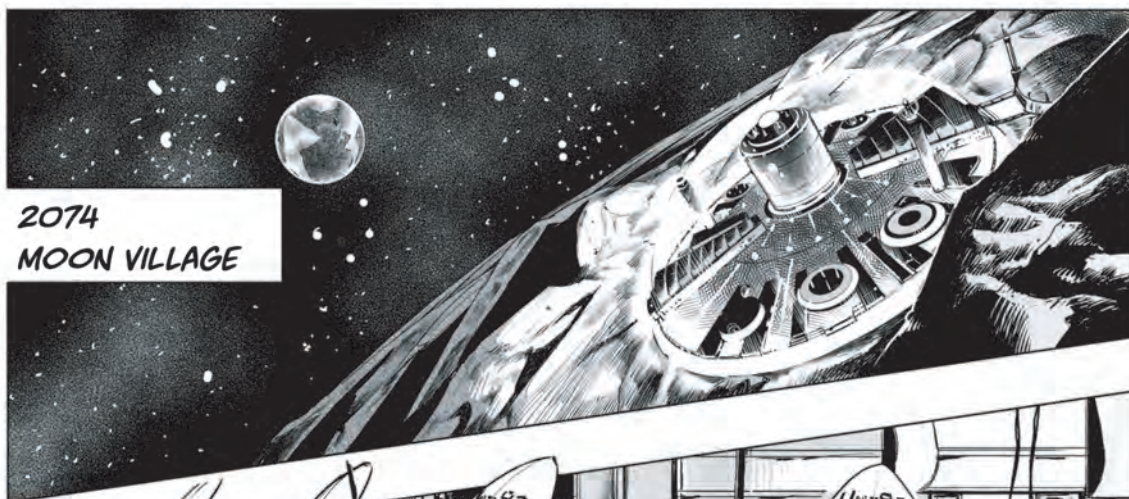
MANAGER AT JAPAN UNIX. LIKE KONO, HE IS FROM A HIGH SCHOOL IN KAGOSHIMA AND IS AN OLD FRIEND WHO ALSO SERVED AS THE CAPTAIN OF THE JUDO CLUB ALONGSIDE KONO. AT JAPAN UNIX, HE SUPPORTED KONO BOTH PHYSICALLY AND MENTALLY THROUGH HARDSHIPS AND CONTRIBUTED TO THE COMPANY'S DEVELOPMENT.



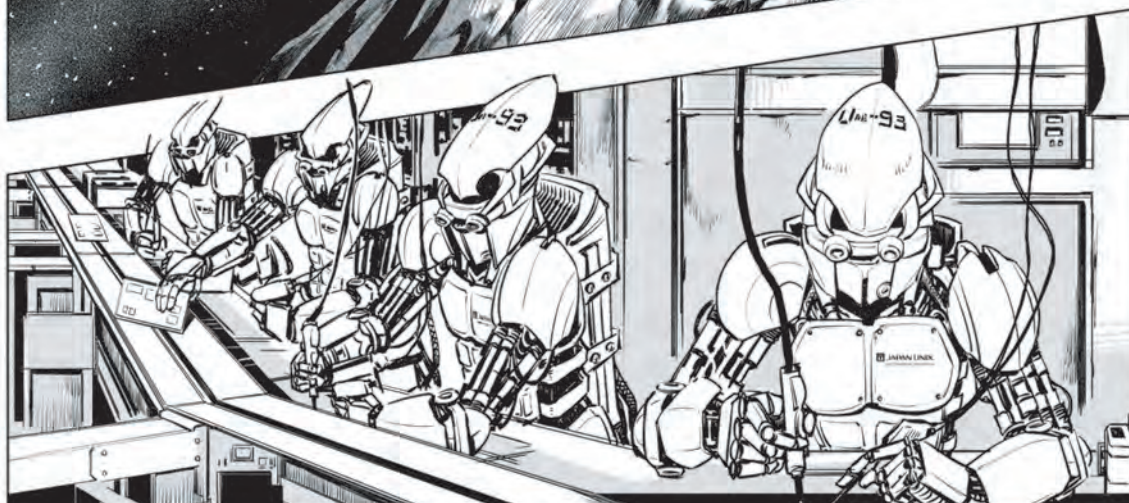
STEVE HONDA

A VIRTUAL ENGINEER WORKING AT JAPAN UNIX. IN FACT, HE COMES FROM THE FUTURE. INTERESTED IN TRADITIONAL SOLDERING TECHNIQUES, HE SPENT SOME TIME TRAINING AT THE PRESENT-DAY JAPAN UNIX TO MASTER SOLDERING ROBOT TECHNOLOGY. ALTHOUGH HE IS CURRENTLY BACK IN 2074, HE CONTINUES TO SUPPORT JAPAN UNIX REMOTELY.





2074
MOON VILLAGE



JAPAN UNIX

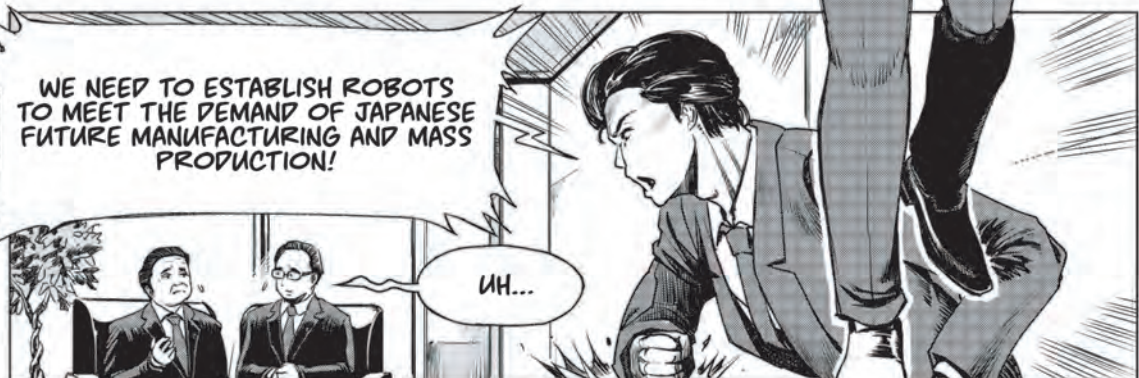
SOLDER MEISTER 2074 EDITION

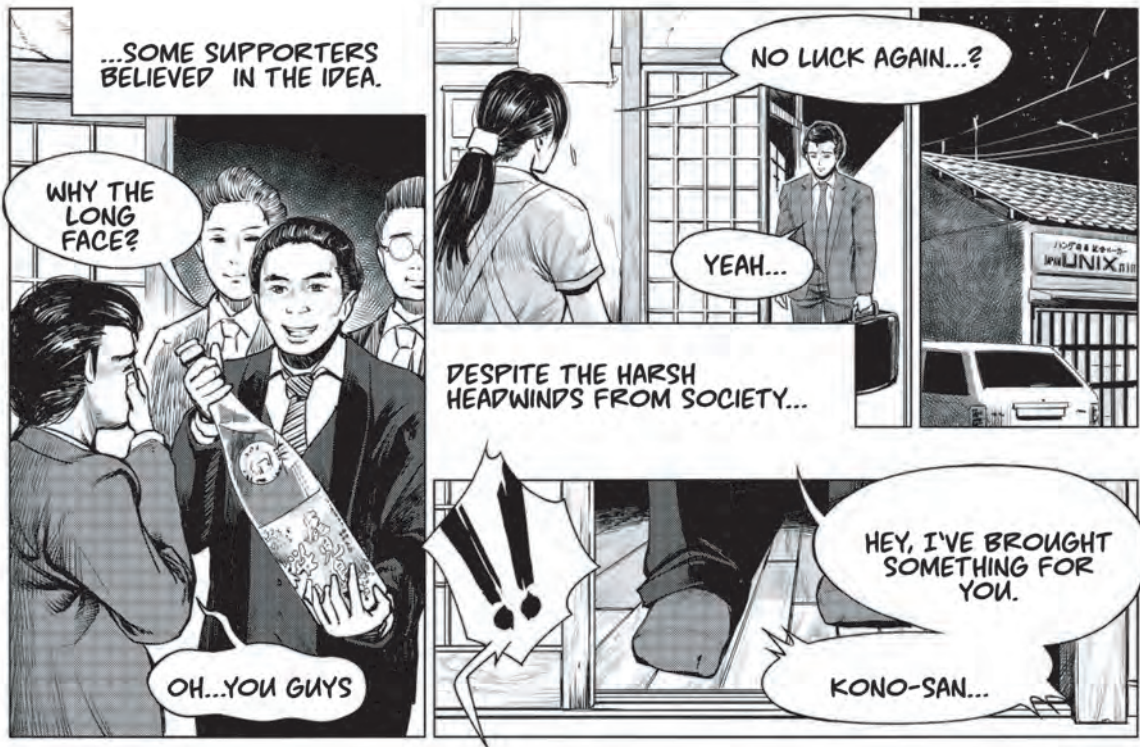


100 YEARS EARLIER...
1974, JAPAN, TOKYO

HMM...

FOUNDER OF JAPAN UNIX CO., LTD.,
SHOZO KONO

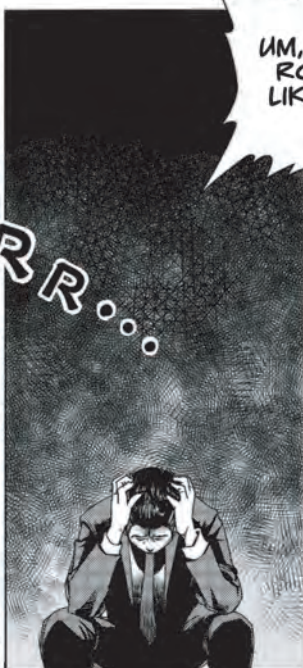




WHEN HE WAS ABOUT TO
GIVE UP, THAT'S WHEN A
PHONE CALL CAME IN...



UM, I STILL DON'T THINK
ROBOTS CAN SOLDER
LIKE A HUMAN EXPERT...



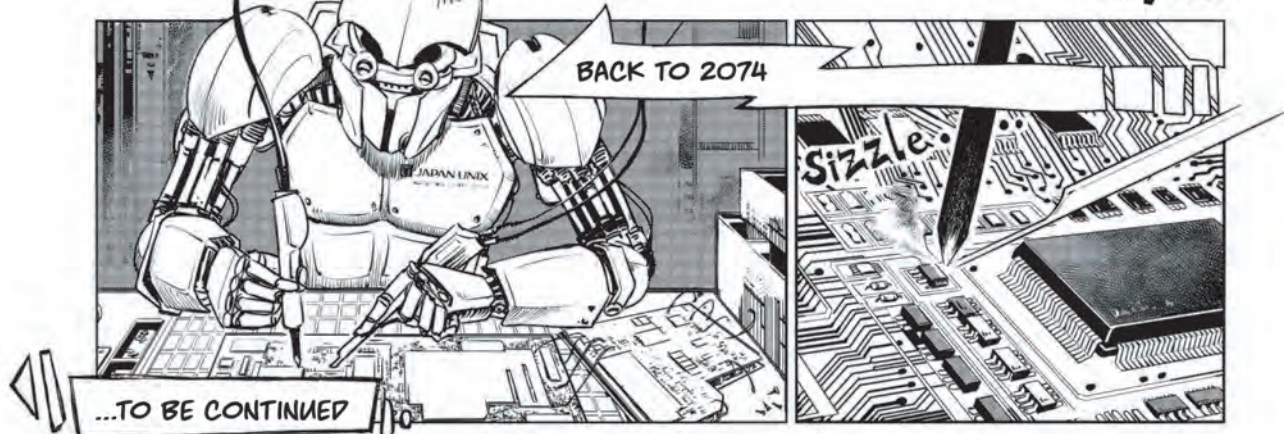
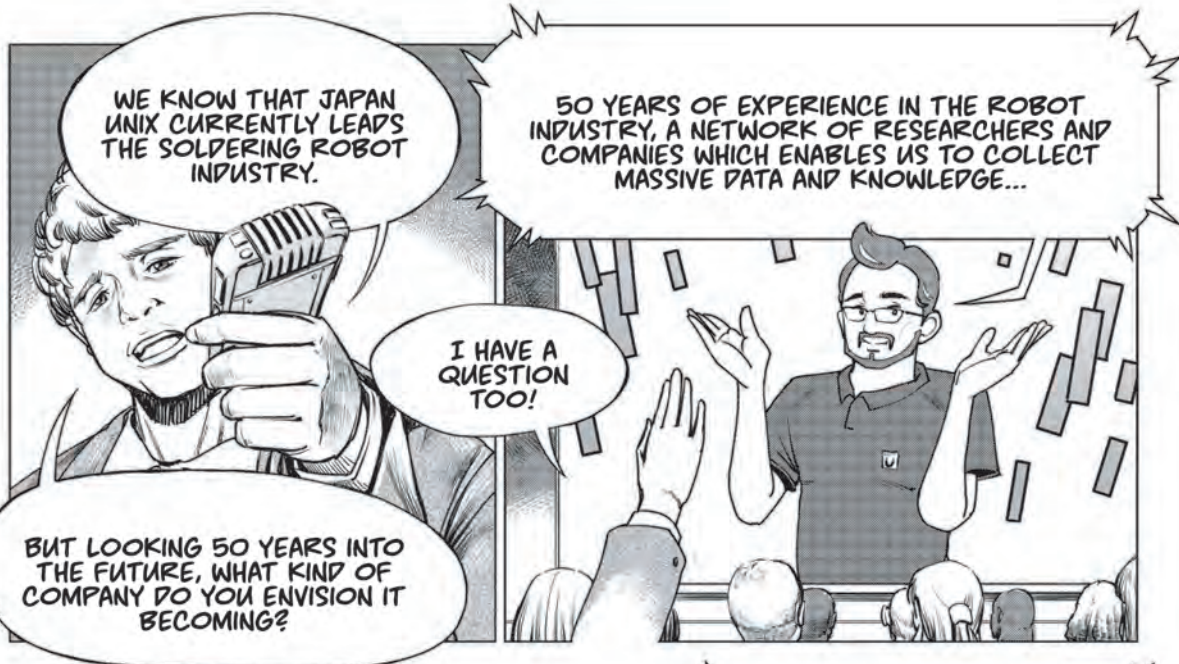
QUESTION!
WHY IS IT THAT ONLY
JAPAN UNIX'S SOLDER
MEISTER CAN PERFORM
SUCH PRECISE SOLDERING
WHILE OTHER COMPANIES
STRUGGLE?



...IT WAS A CALL FROM THE FIRST CLIENT. AFTERWARDS,
THE NUMBER OF CUSTOMERS CONTINUED TO INCREASE,
AND THE SOLDERING ROBOT BECAME THE FLAGSHIP
PRODUCT FOR JAPAN UNIX.



CURRENTLY, JAPAN UNIX
OCCUPIES 70 PERCENT OF
THE SOLDERING AUTOMATION
MARKET.



PRODUCT LINEUP

UNIX-DF Series

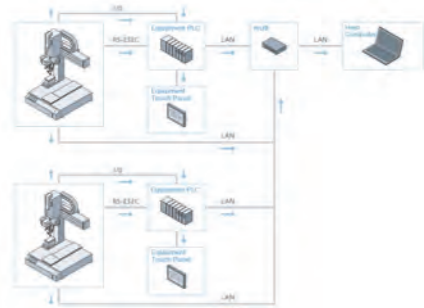
UNIX-DF Series

The new generation desktop soldering robot for Industry 4.0 and IoT.

UNIX-DF Series have improved its network function and robotic motion.

Feature

- New heater improves heating and soldering mechanism.
- Productivity is highly improved by increasing rigidity and process speed.
- Connect with network and visualize the soldering operation process in real time.
- Two additional axes enables complex PCB and components soldering easily.
- Fully correspondent to laser soldering system.



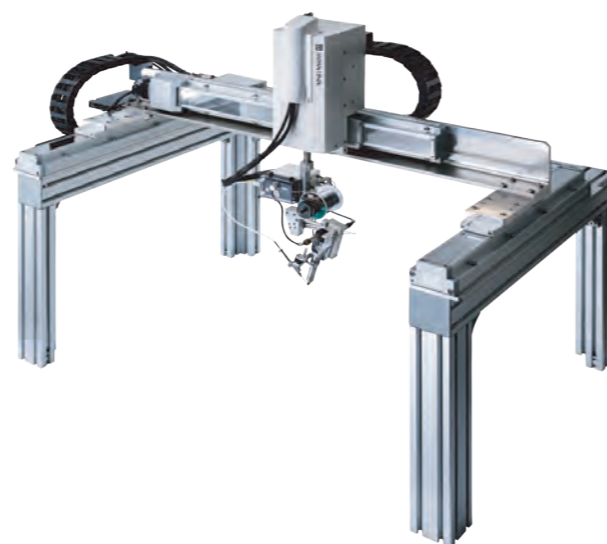
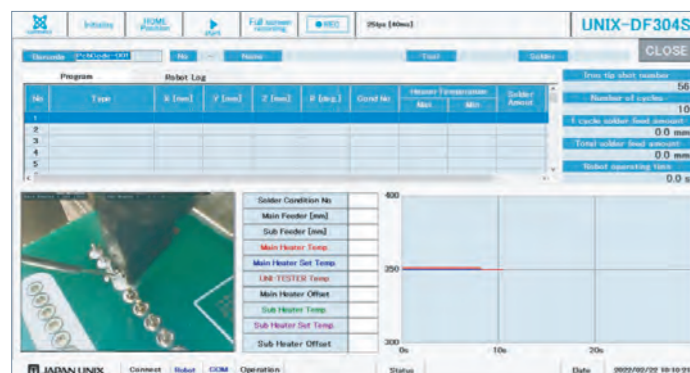
UNIX-GF Series

UNIX-GF series has evolved into a flexible gantry-type soldering platform.

Ideal for introduction into production lines and for automated soldering to large boards.

Feature

- Follows the functions of the DF series of desktop automated soldering robots
- Feeder and optional units used in the desktop-type DF series can be used as is
- Compatible with both iron soldering and laser soldering methods
- Up to 2 additional axes can be added (option)



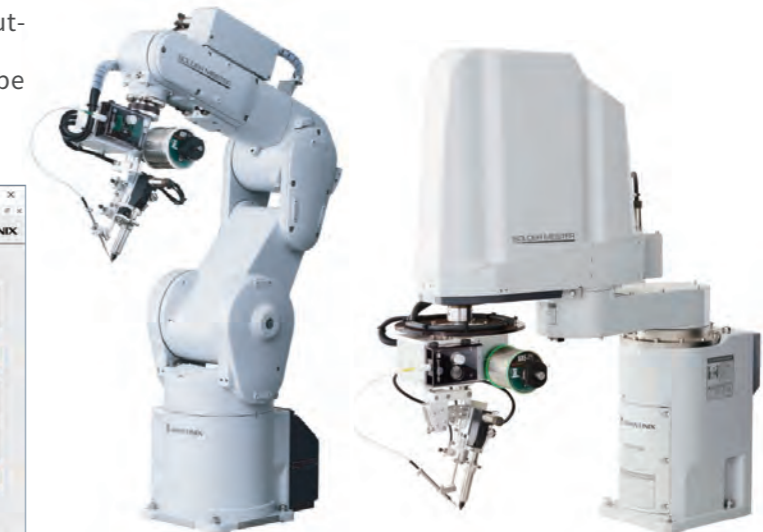
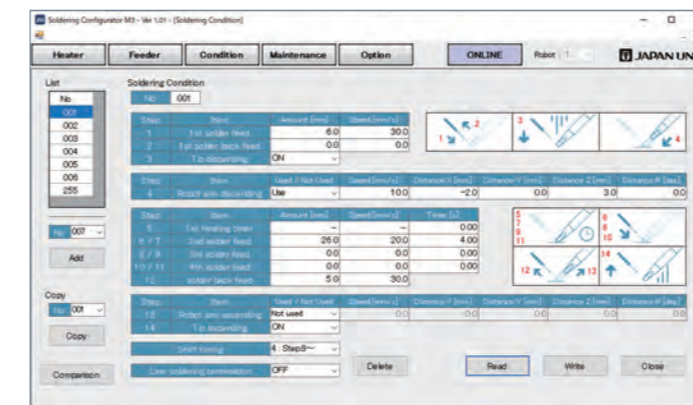
UNIX-FR Series

Equipped with servo motors. The pinnacle of soldering robots.

The SOLDER MEISTER FR series, the highest-end model developed for automated soldering.

Feature

- Enhanced communication network functions for outputting and storing soldering-related data
- Comprehensive and user-friendly software that can be used regardless of operator skills
- Automatic adjustment and maintenance functions

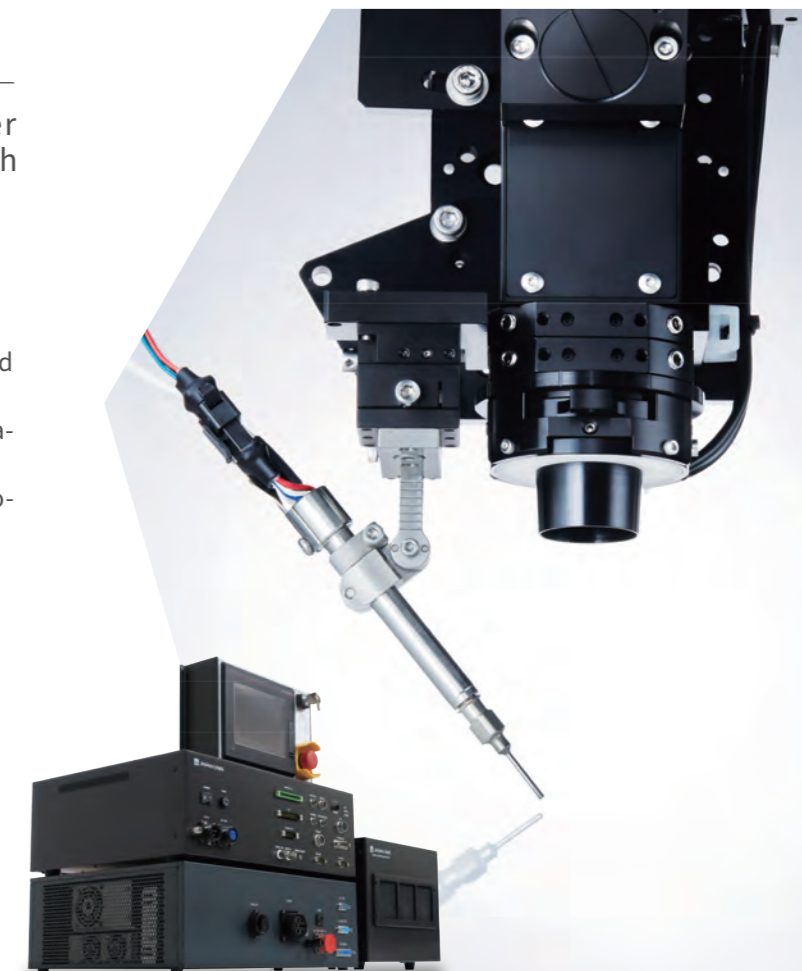
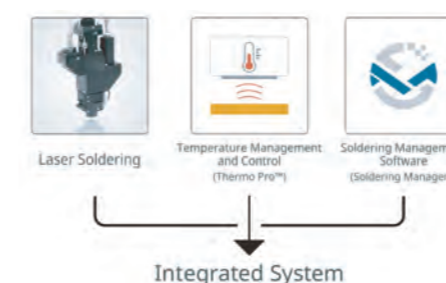


Laser Soldering

Laser soldering makes it possible to solder ultra-fine areas that are difficult to reach with conventional soldering irons.

Feature

- New heater improves heating and soldering mechanism.
- Productivity is highly improved by increasing rigidity and process speed.
- Connect with network and visualize the soldering operation process in real time.
- Two additional axes enables complex PCB and components soldering easily.
- Fully correspondent to laser soldering system.



Care for tomorrow



ABOUT US

Company Overview

Company Name	JAPAN UNIX CO., LTD.
Established	1974
Executive Chairman	Shozo Kono
President	Hirofumi Kono
Headquarters	2-21-25 Akasaka, Minato-ku, Tokyo 107-0052, JAPAN
Capital	30 million yen
Business	Design, development, manufacture, sales, and exporting of soldering equipment. Design, development, manufacture, sales, and exporting of soldering FA and jigs. Import and sales of soldering equipment. Design, development, manufacture, sales, and export of other precision equipments.
Executives	Kentaro Kono, Norihisa Kyoden
Number of Employees	110
International Standard Certification	ISO9001 Quality Management
IPC certified training center	IPC-A-610, J-STD-001

Domestic base

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Tel. +81-6-6190-4580 Fax. +81-6-6190-4581
- Nagoya Office 8F, 1-7-5 Kanayama-cho, Atsuta-ku, Nagoya city, Aichi 456-0002
Tel. +81-52-679-2111 Fax. +81-52-679-2112
- Technology Center 2170-9 Tabaru, Mashiki-machi, Kamimashiki-gun, Kumamoto 861-2202
Tel. +81-96-287-4501 Fax. +81-96-287-4503

History

- 1974 Started development of soldering tip and heater.
Succeeded in the development of ultra-fine heater of 3mm with a built-in CA sensor, the first time in the world.
Started to sell Soldering station “UNICON” series.
- 1979 Developed and started to sell a 2-axis cam-type soldering system.
- 1985 Started to sell the world's first vertical multi-axis type soldering robot "UNIX-511".
- 1994 Started to sell a vertical multi-axis type soldering robot "UNIX-531EIII MOVE STAR Kagayaki" which represents culmination of soldering technology.
Developed the initial type desktop soldering robot "UNIX-411".
- 1999 Launched an orthogonal type soldering robot "LS-5TPSIII".
- 2000 Developed and started to sell the system with laser soldering.
- 2005 Started the distributor of advanced soldering tool "JBC" in Japan.
- 2009 Developed and started to sell the ultrasonic soldering system "UNISONIK".
- 2012 Launched the soldering system with automatic component insertion mechanism "UNIVERSE S".
- 2015 Started the agency of IPC, the global quality standards of electronics industry, in Japan.
- 2016 From the futuristic vision of Industry 4.0, launched a soldering robot with enhanced network connection.

Major products



Desktop Soldering Robot



Horizontal Multiple-joint Soldering Robot



Vertical Multiple-joint Soldering Robot



Gantry Type Soldering Robot



Laser Soldering System



Automatic Soldering Module



Production line (Automatic soldering Module)



IPC Standard