

Revolution and innovation through heat

**ANTOM**

Company information



# The three pillars that support Antom

Small  
size

## The pursuit of overwhelming miniaturization

Our company's main product is small heating furnaces, and we have established an unrivaled market share in the field of transportable heating furnaces under 2m in size, which are widely used in various fields such as mounting, electronic components, semiconductors, and research and development.

Flexibility

## Customization rate:99.4% flexibility

For the 50 years since its founding, Antom has been customizing heating furnaces to meet the needs of our customers' on-site issues. In addition to modifying existing models, we can also propose new designs and developments for special specifications that cannot be met by existing models.

Energy  
saving

## Significant reduction in running costs

In recent years, carbon neutrality has become a hot topic, and energy conservation is one of the most important points when selecting equipment. Our heating furnaces are compact and have a structure that makes the most of their characteristics, allowing for significant reductions in electricity consumption and N2 consumption.

## Main uses by model



Furnace length: 4,110mm or less (3,000mm to 4,110mm)  
Main application: Soldering (EMS/mounting)  
Proposed model: EXSOL-10231, EXSOL-10246, EXSOL-8231  
EXSOL-8246, SOLSYS-8031, SOLSYS-8046



Furnace Length: 3,000mm or less (2,000mm to 3,000mm)  
Main applications: soldering (mounting, high-mix low-volume), curing, drying  
Proposed models: SOLSYS-6031, SOLSYS-6046, EXSOL-6136, HAS-4031



Furnace length: 2,000mm or less (1,000mm to 2,000mm)  
Main applications: soldering (mounting, semiconductors, electronic components), research and development, prototyping, curing, drying  
Proposed models: UNI-6120, UNI-6131, UNI-6146, UNI-5020, UNI-5031  
UNI-3116•ELNAS-250•ELNAS-460

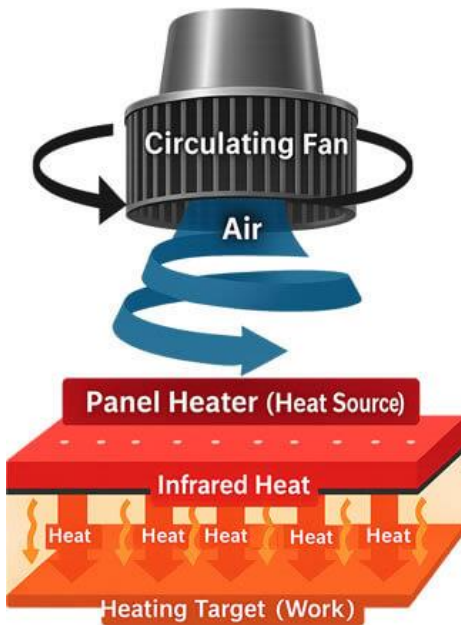


Furnace Length: 1,000mm or less  
Main uses: Preheating, experiments, research and development, curing, drying  
Proposed models: UNI-3116, HAS-1016

# Hybrid heating method using weak hot air and far infrared rays

## [Main features of combined hot air + far infrared heating]

- Suppresses deterioration of flux, which is essential for soldering
- Suppresses the impact of strong wind on the workpiece (target object)
- Easy to create temperature differences between upper, lower, and adjacent zones
- Air volume adjustment (inverter) can increase heating capacity

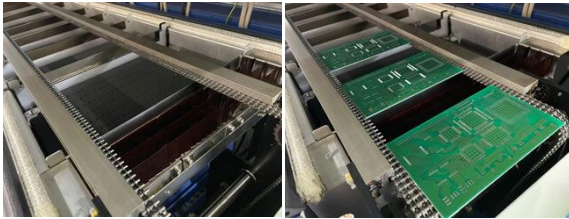


[Issue 1] Heating is inconsistent when using only far infrared rays  
[Issue 2] Reducing the airflow reduces the heating capacity

By using hot air and far infrared rays in combination, we have achieved a heating method that does not reduce heating capacity even when the air volume is reduced.

## Conveyance method

### Pin chain conveyor system



This is a conveying method in which the board is sandwiched between the tip of a pin chain and passed through the furnace. This is a common conveying method for board mounting, and is also an effective conveying method when the back side of the board cannot come into contact with the conveying surface due to insertion components, etc.

### Mesh conveyance method



Mesh transport is effective when transporting boards with no components on the bottom surface, or workpieces placed on carriers or jigs. Also, if the workpiece size is small, it is possible to increase production volume by transporting in multiple rows, such as two or three rows.

## Demo room



In our demo room, we use the circuit boards, components, and other workpieces that our customers use to create the optimal temperature profile on the actual machine (demo machine). We also provide peripheral equipment such as microscopes so that you can actually check the finish and quality of the product.  
If it is difficult for you to visit our office, we can also provide a [live demo] via the web, so please feel free to contact us.



Antom Co., Ltd. is a specialized manufacturer of heating equipment and has delivered over 5,000 units to various industries both domestically and internationally for 50 years since its founding (as of 2025).



#### [Major industries]

Automotive-related parts, semiconductors, electronic parts, EMS (mounting)

Medical-related, LED-related, smartphone-related parts, etc.

#### [Major applications]

Soldering (mounting), various resin curing, various solvent drying  
Research and development, thermal evaluation testing, flexible board mounting

High melting point solder mounting, upper and lower temperature difference reflow

Multi-spot reflow, special heating equipment (customized)

### Overseas network



■ Antom Inc. Head Office (manufacturing, design, development, sales, and service)

● Antom Shanghai Office (Sales and Service)

★ Korea (Seoul)  
JINUTECH Corporation (Services)

★ Vietnam (Hanoi) HOSODA TRADING CO., LTD.  
HANOI REPRESENTATIVE OFFICE (Service)

### Company Profile



#### Company Profile

Trade name: Antom Co., Ltd.

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TEL: 045-476-3461 FAX: 045-476-3475

URL: <https://antom.co.jp/>

Established: August 1, 1976

Capital: 10 million yen

Chairman and CEO: Toyoo Okamoto

President and CEO: Mutsumi Okamoto

Employees: 25

Banks: Jonan Shinkin Bank, Nakamachidai Branch

Yokohama Bank, Head Office Sales Department

Shoko Chukin Bank, Yokohama Nishiguchi Branch

Main products

Reflow furnaces, small heating furnaces, customization of various heating equipment, heating devices, various drying furnaces

Reflow checkers, various conveyors, various transport jigs  
thermocouple support rollers



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