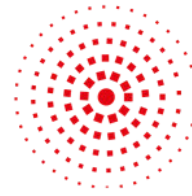


# OTS FURNACE 670 W - 1000°C

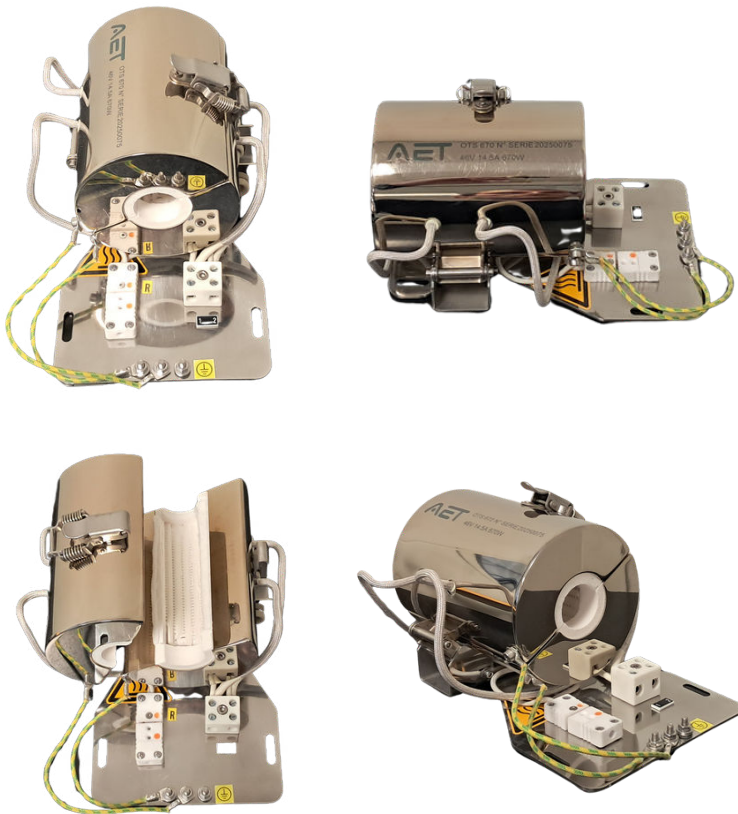
## FULL OPENING



**AET**

TECHNOLOGIES

This furnace is designed to carry out a water vapor production process by burning  $H_2$  and  $O_2$  molecules at 1000°C in order to achieve wet oxidation on a silicon-type substrate.



### ABOUT

Our engineering expertise in thermal processes, atmosphere control, vacuum management, mechanical transfers, automation, and regulation enables us to provide solutions perfectly tailored to your needs.

Whether standalone or integrated furnaces, dedicated to production or R&D, we offer turnkey equipment based on comprehensive engineering and proven experience.

David D'ATTOMA  
Sales Director



#### Equipment designed for integration

We provide equipment ready for integration, ensuring simple and compliant commissioning.



#### Compliant with European standards

AET Technologies ensures full compliance with European directives and standards EN 60204-1, EN 60519-1/2, and NF C 15-100 for safe and compliant commissioning.



#### Non-classified materials

Our thermal insulation systems are designed in compliance with current regulations (Directive 97/69/EC).



Let's innovate together to reinvent today's materials and discover tomorrow's.

**AET GROUP**  
73D rue Général Mangin  
38100 Grenoble - FRANCE

[sales@aet.group](mailto:sales@aet.group)

# OTS FURNACE 670 W - 1000°C FULL OPENING



French  
manufacturing

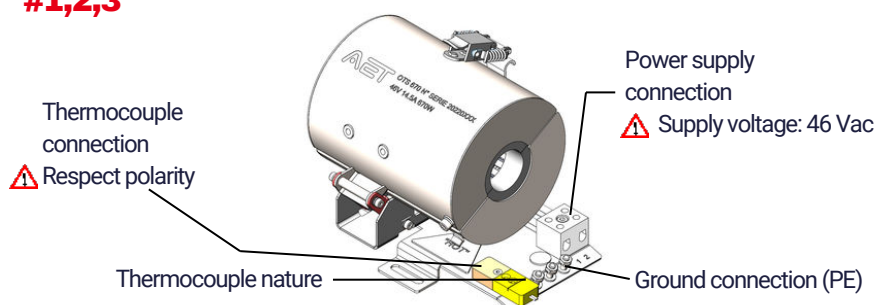


After-sales  
service

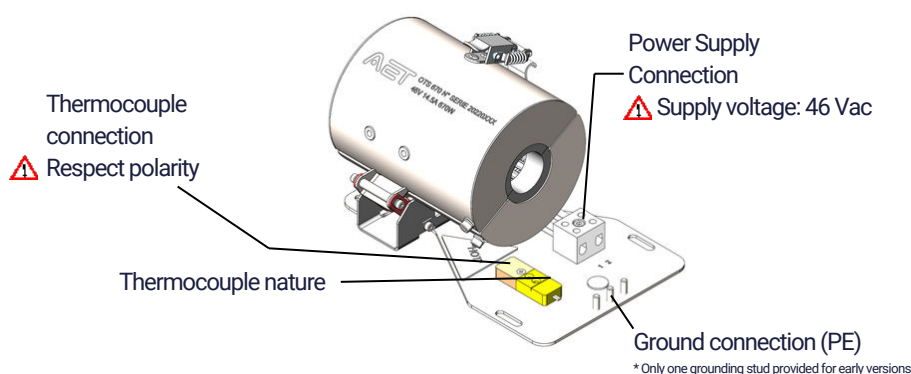


Recognition of  
excellence

## AET #1,2,3



## AET SONORA



### Operator safety

#### Risk of electric shock

Avoid water, steam, or solvent exposure near electrical conductors.

#### Burn risk

Wearing thermal insulating gloves is mandatory.

#### Radiation risk

Temperatures above 800°C are dangerous for the eyes.  
Wearing appropriate welding goggles with filter is mandatory.

#### High temperature risk

A high-temperature warning sign must be placed on any accessible area that may exceed safe touch temperature limits.

### Technical specifications\*

| Configuration       | Furnace<br>Ø ext. x L | Overall dimensions<br>H x L x W | Useful Ø | Power | Voltage | Nominal Temp.<br>(depending on<br>gas flow) | Max Temp.<br>(without gas and<br>quartz tube) | Control<br>thermocouple<br>type |
|---------------------|-----------------------|---------------------------------|----------|-------|---------|---------------------------------------------|-----------------------------------------------|---------------------------------|
| OTS 670             | Ø 95 x 125 mm         | 146 x 166.5 x 130 mm            | Ø 28 mm  | 670 W | 46 Vac  | 1000 °C                                     | 1100 °C                                       | R                               |
| OTS 670             | Ø 95 x 125 mm         | 146 x 166.5 x 130 mm            | Ø 19 mm  | 670 W | 46 Vac  | 1000 °C                                     | 1100 °C                                       | R                               |
| OTS 670             | Ø 95 x 125 mm         | 146 x 166.5 x 130 mm            | Ø 24 mm  | 670 W | 46 Vac  | 1000 °C                                     | 1100 °C                                       | R                               |
| OTS 670<br>(SONORA) | Ø 95 x 125 mm         | 136.75 x 202.5 x 130<br>mm      | Ø 28 mm  | 670 W | 46 Vac  | 1000 °C                                     | 1100 °C                                       | R                               |

\*The information provided in this document is subject to change without notice.



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