OTS FURNACE 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

A turnkey equipment

We provide equipment ready for integration, including all control specifications for a 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).

AET GROUP

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

AET GROUP
73D rue Général Mangin
38100 Grenoble - FRANCE
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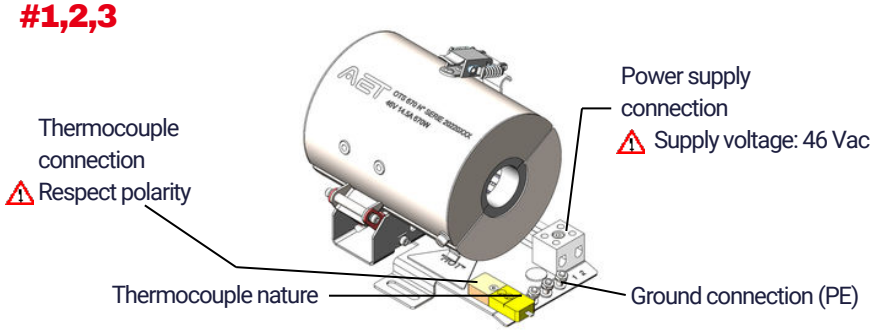
OTS FURNACE 1000°C
FULL OPENING

French manufacturing

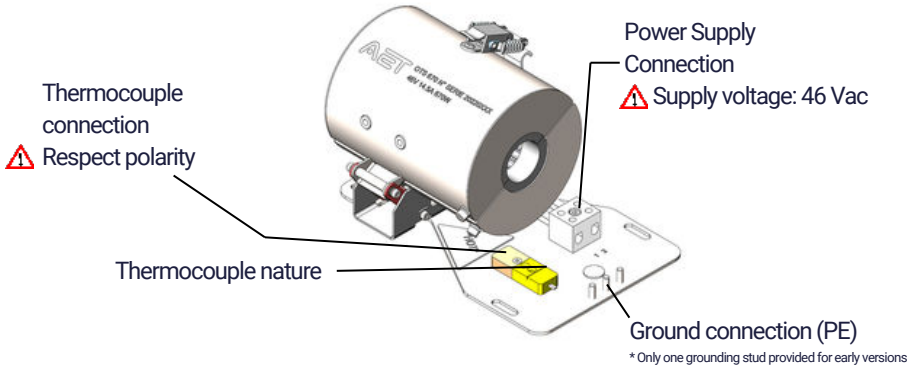
After-sales service

Recognition of excellence

AET #1,2,3



AET SONORA



* Only one grounding stud provided for early versions

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 Ø ext. x L	Overall dimensions H x L x W	Useful Ø	Power	Voltage	Nominal Temp. (depending on gas flow)	Max Temp. (without gas and quartz tube)	Control thermocouple 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 (SONORA)	Ø 95 x 125 mm	136.75 x 202.5 x 130 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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