Wave Pro Slide

High-temperature microwave furnace for laboratories

Microwave technology for research, development and process trials.

500 °C Max. temperature	**2.5 kW** Installed power	**Ø 450 mm** Rotating platform	**300 × 300 × 250** Max. container (mm)

Wave Pro Slide is a laboratory microwave furnace designed for high-temperature heat treatment up to 500 °C. The treatment chamber integrates a rotating platform, a lowerable base, an optical pyrometer, a touch screen and an inspection camera, with provision for inert gas and a process fume exhaust port.



TECHNICAL DATA

Dimensions	800 × 900 × H 2000 mm
Power supply	230 V · 50 Hz
Installed power	2.5 kW
Microwave power	2 kW
Max. temperature	500 °C
Max. cycle time	5 h 59 min 59 s
Rotating platform	Ø 450 mm
Compressed air	0.6 MPa · Ø 6 mm tube

Why Wave Pro Slide

A compact platform for high-temperature laboratory work.

- **UP TO 500 °C**
- **ROTATING PLATFORM**
- **TOUCH SCREEN**
- **OPTICAL PYROMETER**
- **INSPECTION CAMERA**
- **INERT GAS**
- **EASY LOADING**

Developed for research, development and process trials

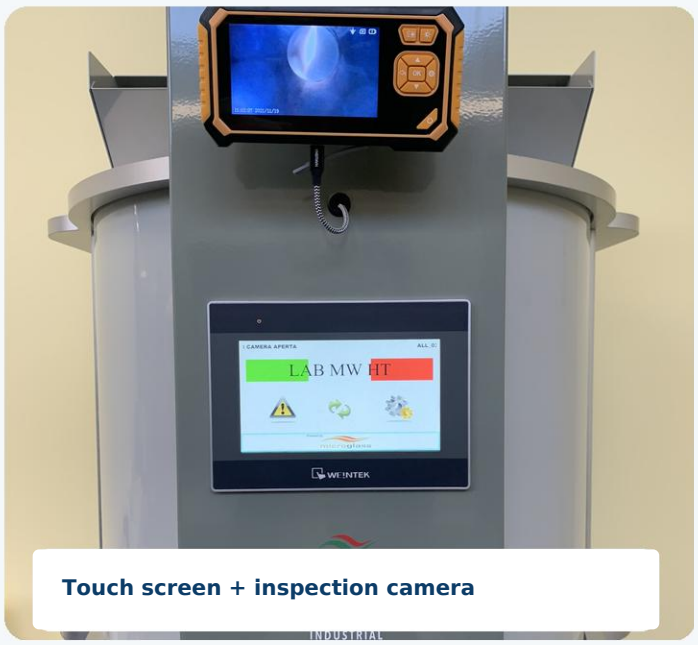
Cycle control, sample rotation, optical temperature measurement and visual inspection in a single laboratory platform.

EPROTECH

www.eprotech.it

Controlled microwave processing

Simplified loading, cycle control and integrated inspection.



Touch screen + inspection camera

01 **LOADING**

The sample, held in its insulating crucible, is positioned at the centre of the rotating platform.

02 **MICROWAVE TREATMENT**

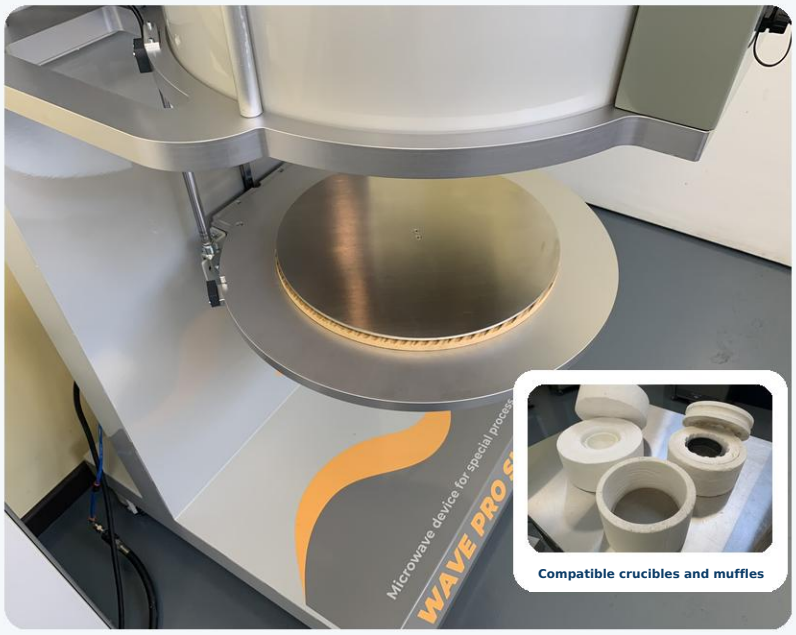
The magnetrons generate radiation at 2450 ± 50 MHz; the chamber temperature can be set up to 500 °C.

03 **PROCESS CONTROL**

The touch screen, optical pyrometer and integrated camera support cycle monitoring and management.

Technology and configuration

Features designed for flexible, manageable laboratory processes.



Compatible crucibles and muffles

- ✓ **Stainless steel chamber** — with rotating platform
- ✓ **Lowerable base** — for loading and unloading
- ✓ **Optical pyrometer** — temperature measurement
- ✓ **Touch screen** — parameter management
- ✓ **Inspection camera** — integrated visual inspection
- ✓ **Inert gas** — dedicated connection provision
- ✓ **Fume exhaust** — process exhaust port
- ✓ **Shielding** — microwave protection

Designed for the laboratory

RESEARCH & DEVELOPMENT

Materials and formulations

Trials on samples and components compatible with containers up to 300 × 300 × 250 mm.

CYCLE CONTROL

Monitored processing

Rotation, optical pyrometer, touch screen and camera support operation.

CONTROLLED ATMOSPHERE

Flexible configuration

Provision for inert gas and a process fume exhaust port.

Wave Pro Slide

High-temperature laboratory microwave furnace

Contact us for commercial information and configurations

www.eprotech.it