

Heating mantle for 50 ml flasks

with thermoregulator

The heating mantle is a device used to provide heat to glass vessels.

They are often used in the laboratory to heat flasks for distillation operations or for carrying out chemical reactions.

The mantle has a cylindrical shape with an internal cavity which is also cylindrical or circular, intended to house the container with the material or samples to be heated. The interior contains glass fibers in which electrical resistance spirals are immersed.

Technical features



- Cylindrical casing in painted sheet metal resistant to the most common aggressive chemicals.
- Internal resistance in nickel-chromium wire coated in steatite to obtain high electrical insulation.
- Internal thermal insulation in fiberglass and mineral rock wool.
- Electric controls housed in a separate chamber at the base of the appliance.
- Fuse.
- Indicator light on / off.
- Rubber support feet.
- IMQ approved power cable.
- Power supply 230V 50 / 60Hz.
- Temperature range max. 350 ° C
- Accuracy ± 5 ° C.
- Degree of protection IP 44.
- Built according to CEI + EN 66.5 and EN 61010.1.1.C standards

The “Simmerstat” thermoregulator allows the setting of a certain energy value (and therefore of temperature) to be selected on a scale with graduation from 1 to 10.

It consists of a bimetal electrothermal actuator and acts on the basis of the opening or closing cycles of the circuit over a period of time.

On demand:

- available in the multi-seat version (2-4-6 seats)
- with digital thermoregulator and external probe, which can be inserted inside the glass flask

Made in Italy

External dimensions of the product

Diameter	145 mm
Height	185 mm

Code	Description	Capacity cc	Power W	Diameter mm	Height mm
E1106A01	Heating mantle for 50 ml flasks	50	90	145	185