

# *Elastocon*

## **Tube Oven, ES 14**

**Tube Oven for polymer and carbon black analysis.**



The tube oven can be used for the following and similar test methods:

- ISO 247 Rubber - Determination of Ash
- ISO 1408 Rubber - Determination of carbon black content
- ASTM D297 Rubber - Determination of carbon black and ash content
- ASTM D1603 Plastics - Test method for carbon black in olefin plastics

Temperature controller, over temperature thermostat, drying tube, flow meters, wash bottles and 5 quartz glass boats are included.

## Technical specification

Temperature range, °C:	100 - 950
Temp. control, °C:	± 10
Temperature sensors:	TC type N controller TC type K max temperature
Material: glass tube	quartz glass
bottles	borosilicate glass
plates	painted steel
oven	stainless steel
Dimensions, internal, mm:	∅ 25 x 500 (hot zone 200)
Dimensions, external, w x d x h, mm:	1 350 x 275 x 355
Weight, kg:	22
Voltage, V:	220-240 / 1 / 50
Power, W:	500
Air flow, l/min :	0,1-2

- Solid state relay for safe control.
- Temperature controller with sensor in the tube.
- Over temperature controller.
- Flowmeters with needle valves, for setting the gas flow, 60-600 cm<sup>3</sup>/min and 0,2-2,0 l/min



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