

## Vacuum oven mod. GV11 - 110 liters

GV series Ovens are ideal for all those applications where an accurate, reliable, and high-performance device is needed, and are used in the laboratory and in the industry.

Indispensable in the field of chemical, pharmaceutical, food, optical research, but also in the biotechnological and semiconductor sectors.

GV Vacuum Ovens are particularly indicated in thermostatisation, drying, degassing processes, in the treatment of thermo-sensitive materials.

**Temperature Range from A.T. +10°C to +200°C**

### Features:

- **Touch Screen Color Display.**
- AUTOMATIC Function with continuous temperature monitoring.
- **PROGRAM Function with 20 Programs**, 12 Steps with Ramps and Soaks.
- **RECORDING Function with Graphic Temperature** Recording.
- **Set Point and Inner Temperature Visualization.**
- Optimized Control Algorithm with PID Actions.
- Autotuning Function.
- Platinum PT100 Probe, Class A.
- “Zero Crossing” Solid State Relays.
- **USB Port**
- External Structure, varnished, solvent-free
- Efficient Insulation eco-friendly
- Internal Chamber in Stainless Steel AISI 304 with rounded corners
- Door with Tempered Glass Window and overpressure safety screen
- High-Temperature Silicone Gaskets
- Analogic Control Vacuum Gauge
- Vacuum Control Valve

### Safety Devices:

- Fusibili a protezione completa dell’impianto
- Interruttore Generale di Sicurezza
- Diagnostica di gestione Allarmi integrata
- Sistema di controllo soglia Set Point regolabile
- Termostato Sicurezza Regolabile ed Indipendente

### Standard equipment:

- N°02 removable shelves with high thermal conduction
- N°01 Power cable
- N°01 Instruction manual
- N°01 CE certificate of conformity
- N°01 Guarantee Certificate

### Options:



- Extra shelves
- Stainless Steel Trays
- Through Hole with stainless steel blind flange
- Door with internal light and switch on the panel
- Stacking supports
- Swivelling Wheels
- Module-Trolley for Vacuum Pump

Also available in a version useful for accessing Industry 4.0 tax credits

Made in Italy

## Technical data

Volume	110L
Internal Dimensions (WxDxH)	470x500x470 mm
Shelves Standard	2
Shelves Max	4
Load Capacity per Shelf	25kg
<b>Control System</b>	
Display	Color Touch Screen
PID	standard
Probe	PT100
Autotuning	standard
Offset	standard
Safety	Cl3.1
Function Program	standard
Function Record	standard
USB	standard
Temperature Range	T.Amb+10°C÷+200°C
Uniformity	±5,0°C
Accuracy	±0,5°C
End Vacuum to be reached	1x10 <sup>-2</sup> mbar
Leak Rate	
Power Supply	230V~50Hz
Power	1960W
External Dimensions (WxDxH)	720x675x870 mm
Net Weight	130Kg
Packing Dimensions (WxDxH)	820x775x1050 mm
Gross Weight	150Kg

Code	Description
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G3S21110

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