

IncuMax™ CV250 Convection Oven

The IncuMax CV250 Forced Convection Oven features a PID temperature controller with simultaneous displays of the set and oven temperature. In addition, a drying time up to 99 hours and 59 minutes can be programmed. A two-speed fan provides forced convection for uniform temperature distribution and rapid heat recovery throughout the stainless steel chamber. The fan motor is located outside the chamber and cooled by another fan for cooler operation and long life. An adjustable air exhaust vent, which can be kept from fully closed to fully open by means of a sliding panel, is used to control the rate of drying, baking or curing. An access port for entry of temperature probes is provided. The oven also features an independent over-temperature thermostat to prevent over-heating.



The control panel is located at the top of the oven for convenient access of controls. The door is latched when closed. A heat-resistant silicone rubber provides a durable and effective seal. Three adjustable stainless steel shelves are supplied with each oven.

SPECIFICATIONS	CV-250
Temperature Controller	Microprocessor temperature controller, temperature set by control keypad to 0.1°C, digital LED
Temperature Range	+5°C above ambient PID temperature to 250°C
Temperature Accuracy	±0.1°C at 100°C
Temperature Uniformity	±2.5°C at 100°C
Circulation	Forced air – two speed selectable with a switch
Circulation Motor	Located outside chamber and cooled by a fan for longer life
Access Port	Exhaust port for temperature probe and with adjustable damper control on the side for fast exhaust from wet samples
Chamber Material	Stainless steel
Chamber Shelves Included/Maximum No.	3/23
Dimensions of Shelf	21.5" W x 18.5" D
Timer	Programmable up to 99 hrs and 59 minutes or continuous
Over-temp. Protection	Independent safety thermostat prevents over-heating
Over-voltage Protection	Thermostat
Chamber Dimensions (W x D x H)	23.6" x 20.0" x 31.5" (60 x 51 x 80) cm
Chamber Volume	8.7 cu ft (245 liters)
Overall Dimensions	28.3"W x 24.4"D x 40.2"H (72 x 62 x 103) cm
Power Requirements	120VAC, 50/60 Hz, single phase (220V available)
Shipping Weight	288 lbs (131 kg)



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