SCN - Natural air convection thermostatic ovens

available in various sizes and capacities



Our thermostatic ovens may be employed in different applications as, for example, for dry sterilization cycles, for thermal tests on materials (to verify resistance or deformations), or for any other work needing a uniform and careful warming process.

KEY FEATURES

- Full stainless steel construction, internal walls AISI 430, external structure AISI 304 “Scotch Brite”, allows maximum corrosion resistance and easy cleaning
- Internal chamber with laminar air circulation and uniform warmth distribution offered by two lateral convection ducts with perforated walls and by resistors position in pre-warming chamber
- Thermal insulation by high quality mineral fiber in adequate thickness.
- Front door with thermal insulation (one or two according to the model), with silicone rubber gasket.
- Perforated stainless steel AISI 430 lean shelves, extractable and fixable on different heights.
- Pass-through port (on the back wall) for exhaust air external probes
- Rubber antiskid feet adjustable in height.

STANDARD HEAT REGULATION EQUIPMENT

- Digital microprocessor-based PID touchscreen temperature controller with auto-tuning and PT100 platinum probe
- Temperature range from +10°C above ambient temperature to +250°C
- Sensitive Touch keypad with full front-panel protection against dust and liquids (IP65 rating)
- Integrated 99h 59’ digital timer; countdown/continuous operation and delayed start functions
- Independent, adjustable over-temperature safety thermostat (Class 3.1 – DIN 12880); activates in the event of main temperature controller or probe failure, with visual alarm
- Chamber temperature uniformity: ± 2.0°C at 150°C
- Temperature stability (over time): ± 0.3°C at 150°C
- Compliant with European Council Directives 2006/42/EC (Machinery Directive), 2014/35/EU (Low Voltage Directive), 2014/30/EU (Electromagnetic Compatibility Directive), and EN 6101-1:(2001) standards.

• Temperature calibration certificate issued via an ACCREDIA-certified thermometric chain

MADE IN ITALY

On request:

- Serial interface RS485 – RS232

- Management software (reporting, graphics, alarms, running process visualization)

- 4 wheels Kit for floor stand (n.2 with brake)

Technical data

Thermostatic ovens of special sizes are built or on the customer's technical specifications and for continuous operation from 250 to 400 ° C

Code	Description	Int. dims. mm (WxHxD)	Capacity	Shelves (supplied/max)	Doors	Weight
9051002	SCN 21 - Thermostatic oven with natural air convection	310x260x250	20	1 / 5	1	25
9051004	SCN 40 - Thermostatic oven with natural air convection	430x310x300	40	1 / 6	1	36
9051006	SCN 58 - Thermostatic oven with natural air convection	460x360x350	58	2 / 8	1	42
9051010	SCN 96 - Thermostatic oven with natural air convection	540x440x420	100	2 / 9	1	58
9051016	SCN 162 - Thermostatic oven natural air convection	600x600x450	162	2 / 9	1	70
9051025	SCN 245 - Thermostatic oven with natural air convection	650x700x550	250	2 / 10	1	78
9051040	SCN 400 - Thermostatic	830x830x600	413	2 / 10	2	90

Code	Description	Int. dims. mm (WxHxD)	Capacity	Shelves (supplied/max)	Doors	Weight
	oven with natural air convection					
9051075	SCN 760 - Thermostatic oven with natural air convection	1000x1200x630	756	3 / 18	2	127

Accessories

Foto	Code	Description
	8843201	
	8843203	
	8843224	
	8843251	
	8844101	
	8845315	
	8845340	
	8849318	
	8853624	

Foto	Code	Description
		