ENRICO BRUNO s.r.l.
APPARECCHI SCIENTIFICI
SANITARI – INDUSTRIALI

1960 50° 2010

Over 50 years in cooperation with the health world, the scientific research, the environmental and quality control world

SCN/P - SCF/P

Series Primo

THERMOSTATIC OVENS WITH NATURAL CONVECTION / FORCED AIR CIRCULATION

FOR DRYING, STERILISATION JOBS, TESTS ON MATERIALS WITH DIGITAL PID CONTROLLER

Vers. 11/26



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
- Motor with fan for air circulation fixed in lateral position, allows an horizontal and diagonal air flow among all the volume of the chamber (only mod. SCF/DG)
- Thermal insulation by high quality mineral fiber in adequate thickness
- Front door with thermal insulation with silicone rubber gasket
- Perforated stainless steel AISI 430 lean shelves, extractable and fixable on different heights
- Rear through-hole for air/fume exhaust and any temperature monitoring probes
- Rubber antiskid feet adjustable in height.

Standard thermal equipment

- Digital microprocessor P.I.D. temperature controller with auto-tuning and PT100 platinum probe
- Temperature range: from +10°C above ambient temperature to +250°C
- Three-digit display resolution (1°C increments – optional 0.1°C); dual display showing actual temperature and set point simultaneously
- Overtemperature safety device (Class 2 – DIN 12880) with a trigger threshold linked to the set point (fixed at 5°C above set point) to protect against main controller or probe failure; includes visual alarm
- Chamber temperature uniformity: ± 2.0°C at 150°C (SCN model)
  ± 1.5°C at 150°C (SCF model)
- 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.
- Factory temperature calibration certificate (standard 1-value, at 3 points within the chamber)

Optional

Code	Description	
8853624	By-pass duct for external thermometric probes	
	Stainless Steel AISI 304 Floor Stand	Supplementary Perforated Stainless Steel Shelves AISI 430
Model	Code	Code
SCN/SCF 21 P	8853202	8853502
SCN/SCF 40 P	8853204	8853504
SCN/SCF 58 P	8853206	8853506
SCN/SCF 96 P	8853210	8853510
SCN/SCF 162 P	8853216	8853516

On request:
- 4-wheel floor stand kit (2 with brake)

We produce ovens on special and/or on measures and for continuous work from 250 to 350°C.

SCN Natural air convection	Internal Dimensions (mm)			External dimensions (except for opening knob) (mm)			Cap.	Shelves supplied/max	Doors	Weight	Power (230V 50-60Hz) (**)
Model / Code	W	H	D	W	H	D	Litres	n.	n.	Kg	W
SCN 21 P / 9051002	310	260	250	610	575	410	20	1 / 5	1	25	800
SCN 40 P / 9051004	430	310	300	730	610	460	40	1 / 6	1	36	1000
SCN 58 P / 9051006	460	360	350	760	660	460	58	2 / 8	1	42	1200
SCN 96 P / 9051010	540	440	420	840	760	555	100	2 / 9	1	58	1500
SCN 162 P / 9051016	600	600	450	900	900	565	162	2 / 9	1	70	2000

(**) on request execution 115 V

SCF Forced air circulation	Internal Dimensions (mm)			External dimensions (except for opening knob) (mm)			Cap.	Shelves supplied/max	Doors	Weight	Power (230V-50Hz) (**)
Model / Code	W	H	D	W	H	D	Litres	n.	n.	Kg	W
SCF 21 P / 9054002	310	260	250	610	575	410	20	1 / 5	1	26	800
SCF 40 P / 9054004	430	310	300	730	610	460	40	1 / 6	1	37	1000
SCF 58 P / 9054006	460	360	350	760	660	460	58	2 / 8	1	43	1200
SCF 96 P / 9054010	540	440	420	840	760	555	100	2 / 9	1	60	1500
SCF 162 P / 9054016	600	600	450	900	900	565	162	2 / 9	1	72	2000

(**) on request other voltage/tension



