

## INDUSTRIAL OVENS

# HS - CF SERIES • 300°C

(BIG LOADS)

AIR FORCED CIRCULATION

High Quality 24/7 Continuous-T° Ovens

Applications: Drying, heating, thermal testing, aging...

Stainless Steel Chamber (304)

### STANDARD FEATURES

- CE manufactured
- Maximum operating temperature: 300°C
- Volumes: 1.000, 1.500, 1.800, 2.700, 3.000, 4.500, 8.000, 12.000 and 15.000 litres
- Air Forced ventilation
- No weight limit
- 24/7 continuous work capability
- Fast heating and efficient heating system
- Stainless steel chamber (304)
- Built with low density rock wool
- Thermocouple type J
- Over temperature protection (OTP)
- Ø 20 mm access port with silicone cork located on the left side.
- Spare parts easily replaceable by end user



### FURNACE CONTROLS

- Solid state relay
- General safety switch
- **Digital Display**
  - PID parameters
  - Non-volatile memory
  - Microprocessor-based temperature controls
  - Alarm

### CONTROL OPTIONS

- Programmers up to 64 segments
- Data logger and programmer communication by Ethernet/ RS232

### SAFETY SHUT-OFF

- Thermocouple break shut-off

### ACCESSORIES

- Safety alarm Class II. Over-temperature protection
- Hole with cover Ø 50mm
- Door window
- Buzzer (Audible Signal)
- Timer (delayed furnace start)

## INDUSTRIAL OVENS

# HS - CF SERIES · 300°C

AIR FORCED CIRCULATION

High Quality 24/7 Continuous-T° Ovens

Applications: Drying, heating, thermal testing, aging...

For all application of curing, polymerization, coating, preheating, heating, drying, vitrification, stabilization... on all types of products : prepregs, free-solvent paints and glues, molds, tools, glasses, compact powders, resins, metallic parts, electronic parts, elastomer... in any type of industrial environments.

XXL Range		HS1000	HS1500	HS1800	HS2700	HS3000	HS4500	HS8000	HS12000	HS15000
<b>Characteristics</b>										
Temperature range		Room temperature 20°C to 300°C								
Maximum temperature		300°C								
<b>Dimensions</b>										
Chamber volume	dm <sup>3</sup>	1000	1500	1800	2700	3000	4500	8000	12000	15000
Width	mm	1000	1000	1000	1000	1500	1500	2000	2000	2500
Depth	mm	1000	1000	1000	1800	1500	2000	2000	3000	3000
Height	mm	1000	1500	1800	1500	1500	1500	2000	2000	2000
<b>External dimensions</b>										
Volume	m <sup>3</sup>	3.39	4.87	5.54	7.57	9.09	11.29	17.58	25.28	29.86
Width	mm	1535	1580	1556	1570	2056	2056	2559	2505	2900
Depth	mm	1559	1561	1559	2362	2070	2570	2578	3608	3607
Height	mm	1415	1974	2283	2041	2136	2136	2665	2797	2855
<b>Features</b>										
Doors	units	1	1	1	1	2	2	2	2	2
Fan air flow	m <sup>3</sup> /h	1800	2500	2500	3250	4000	4000	6000	8000	12000
Glasswindow WxH (optional)	mm	350x550	400x800	400x800	400x800	180x350 (x2)	180x350 (x2)	400x800 (x2)	400x800 (x2)	400x800 (x2)
Weight (empty)	kg	500	620	680	850	980	1050	1300	1700	2400
<b>Electrical supply</b>										
Standard heating 200°C	Watts	12000	15000	18000	21000	24000	27000	36000	45000	54000
Voltage	Volts	400V ~3P 50Hz 20A	400V ~3P 50Hz 25A	400V ~3P 50Hz 32A	400V ~3P 50Hz 40A	400V ~3P 50Hz 40A	400V ~3P 50Hz 50A	400V ~3P 50Hz 63A	400V ~3P 50Hz 80A	400V ~3P 50Hz 100A