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Технические характеристики на двухкамерные промышленные печи JSOF-W, аксессуары КОМПАНИИ JSR



Dual Chamber Industrial Oven

Dual Chamber Industrial Drying Oven is ideal for a laboratory and industrial application needs a large number of sample treatment such as sample drying, heat treatment or thermal testing. Independent temperature controller for each chamber to set and run at different temperature according to requirement. Nevertheless it's large volume, dual heating system on upper and lower compartment with two separate heating elements and blowers provide better air circulation throughout the chamber to achieve excellent temperature uniformity and faster heat up time.

General Specifications

Configuration Dual Chamber Independent Temp. Control

Heating	Forced Air Convection Dual Heating Chamber System
Temp. Range	ambient + 10°C ~ 250°C
Accuracy	± 0.3°C at 120°C (JSOF-400W)
Uniformity	± 2.0°C at 120°C (JSOF-400W)
Control	Microprocessor PID Control Auto START / STOP Timer
Sensor	Class A Pt-100 Ω Sensor
Safety	Over-Temperature Cut-Off Over Current Cut-Off
Material	Body - Epoxy Powder Coated Steel Chamber – Stainless Steel 304 Insulation – 50mm thick woven mineral wool Floor Standing with Caster Shelf -including stainless steel wire shelf optional perforated stainless steel shelf
Electric	220±10% VAC 50/60Hz 1-Phase
Plug config.	CEE 7/7 Schuko or BS 1363 or 30 AMP

Features

Construction



Chamber



Dual Heating Compartment



Performance

- Control Temperature Range from ambient +10 °C to 250 °C
- Forced air convection for fast drying application
- Aero-dynamic chamber designed with circulation blower to achieve superior thermal uniformity
- Separate heating compartment located on side wall for contamination and maintenance free
- 50mm thick high thermal efficiency mineral wool with woven aluminum barrier sheet saves energy and less dust

Controller

- $\pm 0.1^{\circ}\text{C}$ Digital PID Controller with LED Display
- Automatic START/STOP timer
- Adjustable timer scale 99min 59sec / 99hr 59min / 99 day 23hr or continuous operation
- Temperature calibration
- Auto-tuning function
- Class A Pt-100 Ω sensor

Construction

- Durable epoxy powder coated metallic casing
- Corrosion resistant Stainless Steel 304 chamber with seamless round cornered edge allows easy cleaning and prevent leakage
- Double layered glass window for easy observation of samples

Convenience

- Floor standing large capacity independent temperature control dual chamber oven provides more throughput and productivity of sample treatment
- Double layered tempered safety glass window for easy observation of samples
- Stainless Steel 304 Chamber with seamless round cornered edge allows easy cleaning and prevent leakage
- Removable and height adjustable shelf by 25mm spacing
- Opening size adjustable ventilation damper
- Door switch cut-off heater and blower to protect user from exposure to hot air

Safety

• DUAL OVER TEMP. CUT-OFF

Digital system cut-off heater and AUDIO VISUAL ALARM in case $+2^{\circ}\text{C}$ above set temperature
Analog system cut-off heater 10% above set temp.

- **MAX TEMP CUT-OFF** heater and AUDIO VISUAL ALARM when $+1^{\circ}\text{C}$ above maximum limit
- **DOOR SENSOR** : Door switch cut-off heater and/or blower when door opened
- **SENSOR DISCONNECTION ALARM**
- **OVER CURRENT CUT-OFF** : Electrical Leakage Breaker

Models

Art No.		JSOF-400W	JSOF-600W
Chamber Volume		2 Chamber x 432 L	2 Chamber x 612 L
Dimensions	Inner	600 x 600 x 1200 / chamber	600 x 850 x 1200 / chamber
	Outer	2165 x 775 x 1545	2165 x 1025 x 1545
	Clearance	2165 x 775 x 1695 (incl. Damper)	2165 x 10025 x 1695 (incl. Damper)

Window	W150 x H615 mm	
Temperature Range	ambient +10°C to 250°C	
Accuracy at 120°C	± 0.3°C	± 0.3°C
Uniformity at 120°C	± 2.0°C	± 3.0°C
Heat up time to 120°C	15 min.	
No. of Shelves / Max. No.	4 / 22 per chamber	4 / 22 per chamber
No. of Ventilation damper	1 per chamber	
Heater Capacity	4 x 1.5 kW	4 x 2.0 kW
Power Rating	2 x 13.9 Amp per chamber	2 x 18.5 Amp per chamber
Power Plug	2 x CEE 7/7 Schuko	2 x 30 AMP

Ordering Information

Art No.	Descriptions	Capacity	Elec. Req.	Net Wt.	Ship Wt.
JSOF-400W	Dual Chamber Oven	2 x 432 L	220 VAC 50/60 Hz	280 kg	350 kg
JSOF-600W	Dual Chamber Oven	2 x 612 L	220 VAC 50/60 Hz	330 kg	460 kg

Optional Accessories

Art No. Perforated Shelf, Stainless Steel 304

PHS-A09 for JSOF-400W W570 x D580 mm

PHS-A10 for JSOF-600W W570 x D830 mm

Art No. Wire Shelf, Stainless Steel 304

PHS-B09 for JSOF-400W W570 x D580 mm

PHS-B10 for JSOF-600W W570 x D830 mm

PHS-A99 Shelf Support, Set of 4

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