

SHEL LAB[®]

SVACD SERIES VACUUM OVENS SVACD2 • SVACD4

**NEW DCS TEMPERATURE
CONTROLLER**



SVACD4

SVACD2

BUDGET FREINDLY LAB OVEN FOR ALL APPLICATIONS

SHEL LAB is a Sheldon Manufacturing Inc., Brand.

IDEAL FOR INDUSTRIAL, ANALYTICAL, AND GENERAL LABORATORY APPLICATIONS

SHEL LAB vacuum ovens are recommended for critical scientific and analytical use in laboratory and pilot plant product research. Typical applications include outgassing, curing, drying, baking, pre-heating, conditioning, and life cycle testing. Choose from four cabinet sizes, each with a glass viewing window, and inert gas connection.

SVACD OVENS FEATURES AND BENEFITS

The SVACD Series ovens are engineered for safe, accurate, and precise performance in demanding laboratory environments.



- Temperature range approximately 10°C above ambient to 220°C for multiple applications.
- Integrated Over Temperature Limit (OTL) to provide additional temp limit control.
- Stainless steel interior construction for long life operation, easy cleaning.
- DCS Temperature controller.
- Inert gas inlet connection and valve.
- Aluminum shelves are provided to maximize space usage and optimize conductivity.
- Heating elements on 4 sides to increase temperature uniformity.
- Digital Vacuum Gauge
- Access Port (KF-25 Fitting)
- Internationally certified CAN/CSA, UL, EN, IEC 61010, and compliant with CE.
- 2 year limited warranty



Applications:

- Drying
- Outgassing
- Aging Tests
- Chemical Resistance Studies
- Vacuum Storage
- Moisture Removal
- Parts Cleaning
- Curing
- Bubble Removal
- Inert Gas Supply



All units have the option to connect to a clean or inert gas supply source via a 1/4" OD Vent Port



Extended
Warranties!
US Domestic Only

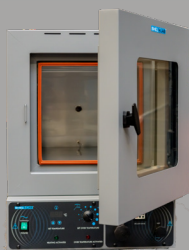
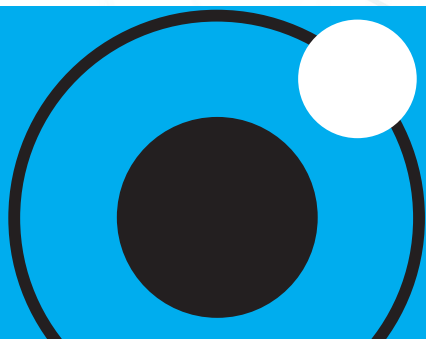
Control, and Monitoring The DCS controller commands proportional power to the heating elements to provide the most accurate and responsive control. The control parameters are matched to the oven size to assure faster response to setpoint with minimal overshoot and quicker recovery following door openings. applications. All controls are centrally located on the

main panel including manual power and timer on/off switches, independent over-temperature control, digital temperature set point adjustments, and indicator lights for all functions.



SVACD2 and SVACD4 Models

UNIT SPECIFICATIONS



Model Part Number	SVACD2	SVACD4
Exterior Dimensions (W x D x H)	20.8" x 31.3" x 26.8" 528 x 795 x 681 mm	27.0" x 35.2" x 32.8" 686 x 895 x 833 mm
Interior Dimensions (W x D x H)	12" x 20" x 12" 304 x 508 x 304 mm	18" x 24" x 18" 457 x 610 x 457 mm
Interior Volume	1.67 cu.ft. (47.2 liters)	4.50 cu.ft. (127.4 liters)
Unit Weight	182 lb (83 kg)	317 lb (144 kg)
Shelves	3 included, 3 Max	3 included, 6 Max
Shelf Dimensions (W x D)	11.3" x 19" 287 x 483 mm	17.2" x 22.9" 437 x 582 mm
Maximum Weight per Shelf	35 lb (15.8 kg)	35 lb (15.8 kg)
Permitted Total Load	105 lb (47.6 kg)	105 lb (47.6 kg)
Frequency	50/60Hz	50/60Hz
Voltage	110V-120V/220V-240V	110V-120V/220V-240V
Power Current (Max Draw), Amps	10/5.5	13/7
Heat-Up to Ambient Minutes to 80°C	70	70
Heat-Up to Ambient — Minutes to 150°C	120	120
Heat-Up to Ambient — Minutes to 220°C	200	230
Temperature Range	10°C above ambient to 220°C	10°C above ambient to 220°C
Temperature Stability	+/- 0.1°C @ 150°C	+/- 0.25°C @ 150°C
Operational Vacuum Range	-3.0 to -29.9 InHg	-3.0 to -29.9 InHg
Vacuum Display Range	0-29.9 InHg	0-29.9 InHg
DESCRIPTION / TEMP - APPLICATION	PART# / SIZE	PART# / SIZE
GASKET RED 230°C - GENERAL & HI-TEMP	3450707 / 9490542 OUTGASSED / 12"	3450719 / 9490544 OUTGASSED / 18"
GASKET BLACK SILICONE 230°C - GENERAL & HI-TEMP	NA	NA
GASKET VITON 205°C - ACIDIC	3450670 / 12"	3450671 / 18"
GASKET FLUOROSILICONE 175°C - ACIDIC	3450611 / 12"	3450612 / 18"
GASKET BLACK BUNA 125°C - SOLVENT	3450708 / 12"	3450724 / 18"

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SHELDON
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