

Ovens

Vacuum, Horizontal, Forced Air,
Gravity, Hybridization

SHEL  **LAB**



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Sheldon Manufacturing, Inc. is an ISO 9001:2008 certified manufacturer of high quality and innovative constant temperature equipment to the global market. Major product lines include incubators, humidity test chambers, ovens, water and bead baths, and anaerobic chambers for the life science, pharmaceutical, biomedical, environmental and industrial markets. Founded in 1970, Sheldon utilizes over 40 years of manufacturing expertise to aggressively pursue new product opportunities that add value to our customers' portfolio. Sheldon markets a complete line of products under the SHEL LAB and Lab Armor brands, which compliment our OEM manufacturing capabilities.

Contact us: US toll free - 1 (888) 227-1410 or (503) 640-3000

Visit our websites at www.shellab.com and www.labarmor.com.

Vacuum Ovens



SHEL LAB vacuum ovens provide exceptional capabilities for fast and gentle drying of heat sensitive materials. They prevent residue accumulation on products and also allow safe drying of materials at lower temperatures than typically required when using convection ovens.

All SHEL LAB vacuum ovens are built with a stainless steel chamber for exceptional durability. The SVAC1, SVAC2 and SVAC4 have a double plenum design that meets UL, CSA and EU safety requirements resulting in a cool outer surface. The tempered glass viewing window allows for safe, continuous monitoring of samples.

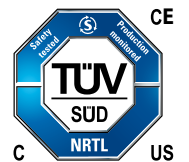
These units feature a versatile Watlow temperature controller that is capable of forty ramp and soak profiles, or four files with ten steps per file. To achieve required vacuum levels, users can choose from a 3/8 inch orifice or a KF25 fitting to withstand heavy use and minimize draw-down time. Maximum permitted end vacuum is 10 μ . Leak rate is 10 mTorr per hour.

FEATURES

- Fully Programmable Watlow Temperature Control
- Independent Overtemperature Safety
- Digital Vacuum Gauge
- RS485 Communication

Precise Temperature Control -

- Temperature Uniformity +/- 6% of Set Point
- Heat-up Time 90 minutes to 150°C
- Temperature Range Ambient + 10°C to 220°C



| Vacuum Ovens | Model Number | | | |
|-----------------------------|--------------|--------------------|--------------------|--------------------|
| | | SVAC1 | SVAC2 | SVAC4 |
| | 110-120V | 89409-480 | 89409-484 | 89409-488 |
| | 220-230V | 89409-482 | 89409-486 | 89409-490 |
| Exterior Dimensions (wxdxh) | Inches | 17.5 x 22.8 x 23.5 | 20.5 x 29.5 x 26.3 | 26.5 x 34.5 x 32.3 |
| | cm | 44.5 x 57.8 x 59.7 | 52.0 x 75.0 x 66.7 | 67.3 x 87.6 x 81.9 |
| Chamber Dimensions (wxdxh) | Inches | 9.0 x 12.0 x 9.0 | 12.0 x 20.0 x 12.0 | 18.0 x 24.0 x 18.0 |
| | cm | 22.8 x 30.4 x 22.8 | 30.4 x 50.8 x 30.4 | 45.7 x 60.9 x 45.7 |
| Oven Chamber Capacity | cu ft | 0.6 | 1.7 | 4.5 |
| | L | 16 | 47 | 127 |
| Number of Shelves | Included | 3 | 3 | 3 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology.

Vacuum Ovens

Economy



The SHEL LAB Economy Vacuum Ovens share the same rugged design of our standard vacuum oven models, but include an analog temperature controller and dial vacuum gauge for measuring chamber operating pressure.

All SHEL LAB vacuum ovens feature doors with positive latch handles and spring-loaded glass to facilitate a good vacuum seal without hinge binds that shorten the gasket life.

All SHEL LAB vacuum ovens are equipped with silicone gaskets. While these gaskets resist a wide variety of temperatures and pressures, they can breakdown in the presence of solvents and acids. For solvent applications, we recommend using Buna gaskets. For acidic applications, we recommend using Fluorosilicone or Viton® gaskets.

Analog Temperature Control -

- Temperature Uniformity
 - +/- 3.0°C at 60°C
 - +/- 9.0°C at 120°C
 - +/- 13.0°C at 200°C
- Heat-Up Time 90 minutes to 150°C
- Temperature Range Ambient +15°C to 210°C

| Vacuum Ovens | Model Number | | |
|-----------------------------|--------------|--------------------|--------------------|
| | | SVAC1E | SVAC2E |
| | 110-120V | 89409-494 | 89409-498 |
| | 220-230V | 89409-496 | 89409-500 |
| Exterior Dimensions (wxdxh) | Inches | 15.5 x 19.0 x 22.5 | 18.5 x 27.8 x 25.3 |
| | cm | 39.4 x 48.3 x 57.2 | 47.0 x 70.5 x 64.2 |
| Chamber Dimensions (wxdxh) | Inches | 9.0 x 12.0 x 9.0 | 12.0 x 20.0 x 12.0 |
| | cm | 22.8 x 30.4 x 22.8 | 30.4 x 50.8 x 30.4 |
| Oven Chamber Capacity | cu ft | 0.6 | 1.7 |
| | L | 17 | 48 |
| Number of Shelves | Included | 3 | 2 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology.

Vacuum Ovens

Large Capacity



The SHEL LAB Model SVAC9-2 is one of the largest vacuum ovens on the market, with 9.3 cubic feet of capacity. This unit also features a fully programmable Watlow temperature controller and a cool touch surface.

The oven is secured to a ruggedly constructed mobile stand, making it easy to mount a vacuum pump in the base. Although the oven is not supplied with a vacuum pump, all vacuum plumbing and KF25 connections are provided.

SHEL LAB stocks vacuum pumps and related accessories that are compatible with most applications. Our technical support team is available to advise on the perfect solution for your complete vacuum oven system.

Precise Temperature Control -

- Temperature Uniformity +/- 7.0°C at 150°C
- Heat-up Time 90 minutes to 150°C
- Temperature Range Ambient + 5.0°C to 220°C

FEATURES

- Fully Programmable Watlow Temperature Control
- Independent Overtemperature Safety
- Digital Vacuum Gauge
- RS485 Communication



| Large Capacity Vacuum Oven | Model Number | |
|-----------------------------|--------------|----------------------|
| | 220-230V | SVAC9-2 89409-492 |
| Exterior Dimensions (wxdxh) | Inches | 36.0 x 46.5 x 62.0 |
| | cm | 91.5 x 118.2 x 157.5 |
| Chamber Dimensions (wxdxh) | Inches | 28.0 x 24.0 x 24.0 |
| | cm | 71.1 x 60.9 x 60.9 |
| Oven Chamber Capacity | cu ft | 9.3 |
| | L | 264 |
| Number of Shelves | Included | 3 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology. We reserve the right to alter technical specifications at any time.

Hybridization Oven



Hybridization ovens are the preferred technique for hybridization in today's laboratory. Incubation takes place inside the oven, under constant rotation, ensuring even distribution of probe solution over the membrane. While there are other solutions available for hybridization applications, hybridization ovens offer better agitation and higher throughput. They also require less volume per membrane area, resulting in savings for labs.

SHEL LAB SH01 Hybridization Oven's unique fan assisted airflow system circulates air evenly and continuously, delivering excellent temperature uniformity throughout the oven chamber. This system ensures fast recovery of chamber temperature after a door opening.

The digital temperature controller maximizes rapid heat-up of the oven. An over temperature safety control is automatically set by the microprocessor at 1.0°C above the setpoint. In the unlikely event of a microprocessor failure, a thermal cutoff will shut off the power to the heating elements.

The 2-20 RPM rotation speed range permits hybridization and washing at different speeds at the touch of a dial. A separate jogging switch has been included to allow incremental rotation of the carousel for easy loading and unloading. This unit has a 12 bottle capacity and is supplied with a drip pan with adjustable feet, a locking pin, and a power cord.

Precise Temperature Control - Superior Uniformity

- Temperature Range Ambient +5°C to 70°C
- Temperature Adjustable by 0.1°C

| Hybridization Oven | Model Number | |
|-----------------------------|--------------|--------------------|
| | SH01 | |
| | 110-120V | 89409-520 |
| Exterior Dimensions (wxdxh) | Inches | 17.5 x 20.0 x 21.8 |
| | cm | 44.5 x 50.8 x 55.3 |
| Chamber Dimensions (wxdxh) | Inches | 12.5 x 12.0 x 14.5 |
| | cm | 31.7 x 30.4 x 36.8 |
| Rotator Capacity | Bottles | 12 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology.

Horizontal Airflow Ovens

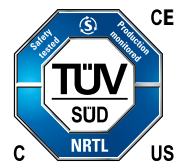


SHEL LAB High Performance Ovens are engineered to meet the most critical temperature requirements. They are designed for continuous drying operations at temperatures up to 260°C.

These units feature a versatile Watlow temperature controller that is capable of forty ramp and soak profiles, or four files with ten steps per file.

Horizontal air flow provides fast heat-up and recovery and ensures rapid drying. Heated air is continuously circulated by twin turbo blowers. Three adjustable air intake and exhaust ports can be opened for fast drying of high-moisture content samples.

A high temperature gasket door seal eliminates air leakage and ensures longer gasket life while being subjected to extreme operational temperatures. This unit includes long-lasting, low-watt density heating elements. It also has adjustable heavy-duty hinges and a door latch that are designed for lifetime service. These ovens have a double-walled, corrosion-resistant stainless steel interior and a durable powder-coated exterior.



Horizontal Airflow Ovens

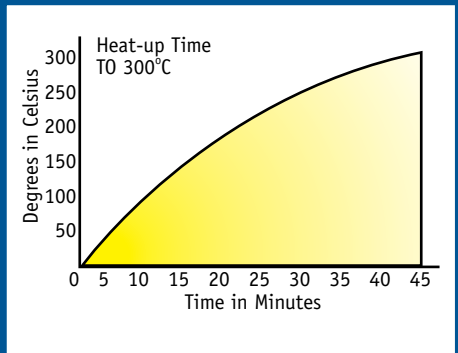
High Performance



Precise Temperature Control -
Superior Uniformity

- Temperature Uniformity > +/- 2.0°C at 110°C
- Temperature Range Ambient + 15°C to 260°C

Model SM05HP-2



| | | Model Number | | | | |
|-------------------------------------|----------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| Horizontal Airflow High Performance | 220-230V | SM05HP-2 89409-470 | SM010HP-2 89409-472 | SM014HP-2 89409-474 | SM034HP-2 89409-476 | SM038HP-2 89409-478 |
| | | Details | Bench Top | Large Capacity | | |
| Exterior Dimensions (wxdxh) | Inches | 35.0 x 30.5 x 37.5 | 44.0 x 28.3 x 55.1 | 59.0 x 29.0 x 57.0 | 43.0 x 34.3 x 85.5 | 68.5 x 33.8 x 78.5 |
| | cm | 88.9 x 77.5 x 95.3 | 112.0 x 72.0 x 142.0 | 150.0 x 73.7 x 144.8 | 109.3 x 87.0 x 217.2 | 174.0 x 85.8 x 199.4 |
| Chamber Dimensions (wxdxh) | Inches | 20.5 x 20.7 x 20.0 | 30.0 x 19.7 x 30.1 | 44.0 x 20.5 x 36.0 | 37.5 x 26.0 x 60.5 | 48.0 x 25.5 x 54.0 |
| | cm | 52.0 x 52.7 x 50.8 | 76.0 x 50.0 x 77.0 | 111.0 x 52.0 x 91.0 | 95.2 x 66.0 x 153.6 | 121.9 x 64.7 x 137.1 |
| Incubator Chamber Capacity | cu ft | 4.9 | 10 | 13.8 | 34 | 38 |
| | L | 139 | 306 | 392 | 966 | 1083 |
| Temperature Uniformity | Celcius | +/- 1.0°C at 110°C | +/- 0.75°C at 110°C | +/- 1.5°C at 110°C | +/- 1.5°C at 110°C | +/- 2.0°C at 110°C |
| Recovery Time | Minutes | 4 to 110°C | 6 to 110°C | 6 to 110°C | 4 to 100°C | 12 to 110°C |
| Number of Shelves | Included | 2 | 3 | 6 | 6 | 12 |
| | Maximum | 8 | 6 | 12 | 12 | 24 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology.

Forced Air Ovens



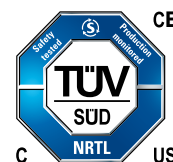
The SMO Oven Series incorporates triple wall construction, so at operating temperatures of 225°C, the outer skin of this unit meets all CE requirements and workspaces remain cool. In addition, users can adjust the air exhaust from the chamber without being near the heat source.

The forced, blower-assisted airflow design offers excellent temperature uniformity and fast recovery. The SHEL LAB forced air ovens are built with stainless steel chambers that are easy to clean and have exceptional durability.

Whatever the application, these general purpose ovens deliver precise uniformity, air distribution and the peace of mind expected from the SHEL LAB brand. All of the SHEL LAB SMO series ovens are CE approved.

FEATURES

- Digital Controls
- Independent Overtemperature Safety
- Cool Touch Damper



| SMO Series Ovens | Model Number | | | | |
|-----------------------------|--------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | | SM03 | SM05 | SM014-2 | SM028-2 |
| | 110-120V | 89409-448 | 89409-456 | 89409-464 | 89409-466 |
| | 220-230V | 89409-450 | 89409-458 | | |
| Exterior Dimensions (wxdxh) | Inches | 26.0 x 27.0 x 35.5 | 30.5 x 27.5 x 40.0 | 36.5 x 34.5 x 47.5 | 37.5 x 35.0 x 78.3 |
| | cm | 66.0 x 68.6 x 90.2 | 77.5 x 69.9 x 101.6 | 92.7 x 87.6 x 120.7 | 95.3 x 88.9 x 198.8 |
| Chamber Dimensions (wxdxh) | Inches | 16.5 x 19.2 x 16.5 | 21.0 x 19.2 x 21.0 | 30.7 x 24.7 x 31.0 | 30.7 x 25.0 x 62.0 |
| | cm | 41.9 x 48.9 x 41.9 | 53.3 x 48.9 x 53.4 | 78.1 x 62.8 x 78.7 | 78.1 x 63.5 x 157.4 |
| Incubator Chamber Capacity | cu ft | 3 | 5 | 13.7 | 27.6 |
| | L | 86 | 139 | 387 | 781 |
| Temperature Range | Celsius | Ambient + 15°C to 230°C | Ambient + 15°C to 225°C | Ambient + 15°C to 260°C | Ambient + 15°C to 260°C |
| Temperature Uniformity | minutes | +/- 2°C at 150°C | +/- 2.5°C at 150°C | +/- 3°C at 110°C | +/- 3°C at 110°C |
| Temperature Recovery | minutes | 5 minutes at 150°C | 8 minutes at 150°C | 8 minutes at 150°C | 10 minutes at 150°C |
| Heat-up Time | minutes | 36 minutes to 150°C | 30 minutes to 150°C | 24 minutes to 150°C | 35 minutes to 150°C |
| Number of Shelves | Included | 2 | 2 | 3 | 6 |
| | Maximum | 8 | 8 | 8 | 16 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology.



These ovens feature SHEL LAB's forced, blower-assisted airflow design at an economical price. The turbo blower and heavy-duty motor combine to direct air over the shelves and samples for even, consistent drying, curing and baking.

The independent overtemperature safety feature is user adjustable and provides added safety for the user.

Precise Temperature Control - Superior Uniformity

- Temperature Uniformity +/-3.5°C at 100°C
- Temperature Range 40°C to 200°C
- Heat-up Time 22 minutes to 100°C

| Forced Air Ovens | 110-120V 220-230V | Model Number | | |
|-----------------------------|----------------------|--------------------|--------------------|--------------------|
| | | SM01E | SM03E | SM05E |
| | Details | Small | Medium | Large |
| Exterior Dimensions (wxdxh) | Inches | 21.8 x 19.0 x 24.0 | 20.5 x 26.0 x 31.7 | 24.0 x 36.3 x 38.3 |
| | cm | 55.3 x 48.3 x 61.0 | 52.1 x 66.0 x 80.7 | 61.0 x 92.1 x 97.2 |
| Chamber Dimensions (wxdxh) | Inches | 17.0 x 10.5 x 16.7 | 17.5 x 15.7 x 22.0 | 20.0 x 17.5 x 28.0 |
| | cm | 43.1 x 26.6 x 42.5 | 44.4 x 40.0 x 55.8 | 50.8 x 44.4 x 71.1 |
| Incubator Chamber Capacity | cu ft | 1.7 | 3.5 | 5.6 |
| | L | 49 | 99 | 160 |
| Number of Shelves | Included | 1 | 2 | 2 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology.

Cleanroom Ovens



SHEL LAB clean air oven incorporates all the special features needed for high temperature cleanroom work: a fully welded stainless steel interior, two adjustable perforated stainless steel shelves, and rapid heat recovery.

This model features a versatile Watlow temperature controller that is capable of forty ramp and soak profiles, or four files with ten steps per file.

The three adjustable air intake and exhaust ducts can be easily removed for cleaning and allow the use of either room or recirculated air. A nitrogen inlet port for purging is standard to prevent contamination.

The oven is supplied with a high-temperature silicone door gasket and a Class E11 HEPA filter. This filter provides 95% retention of particles as small as 0.3 microns.

| Cleanroom Oven | Model Number | |
|-----------------------------|--------------|---------------------------|
| | 220-230V | SM05CR-2 89409-468 |
| Exterior Dimensions (wxdxh) | Inches | 35.0 x 29.0 x 38.0 |
| | cm | 89.0 x 73.7 x 96.5 |
| Chamber Dimensions (wxdxh) | Inches | 17.0 x 20.0 x 20.1 |
| | cm | 43.2 x 50.8 x 51.0 |
| Incubator Chamber Capacity | cu ft | 3.9 |
| | L | 110 |
| Temperature Uniformity | Celcius | +/- 1.0°C at 110°C |
| Temperature Range | Celcius | Ambient + 15°C to 200°C |
| Heat-up Time | Minutes | 10 to 110°C (35 to 180°C) |
| Recovery Time | Minutes | 4 to 110°C |
| Number of Shelves | Included | 2 |
| | Maximum | 8 |
| Stand | Optional | Part # 9000559 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (120V/230V). Temperature specifications follow DIN 12880 methodology. We reserve the right to change specifications at any time. EU/CE/SCC/CSA/OHSA/UL Compliant



Gravity ovens are ideal for applications with lightweight samples such as powders, films and granular materials.

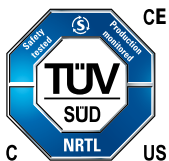
The SGO Oven Series incorporates triple wall construction, so at operating temperatures of 225°C, the outer skin of this unit meets all CE requirements and workspaces remain cool.

The 99 hour and 59 minute digital timer has an independent control so its use is optional. Once the timer expires the power is cut to only the heating elements.

FEATURES

- Digital Controls
- Superb Temperature Control
- Cool Touch Damper
- Digital Timer to 99 hr and 59 min

Whatever the application, these general purpose ovens deliver precise uniformity, air distribution and the peace of mind expected from the SHEL LAB brand. All of the SHEL LAB SGO series ovens are CE approved.



| CE Series Ovens | Model Number | | |
|-----------------------------|--------------|-------------------------|-------------------------|
| | | SG03 | SG05 |
| | 110-120V | 89409-452 | 89409-460 |
| | 220-230V | 89409-454 | 89409-462 |
| Exterior Dimensions (wxdxh) | Inches | 26.0 x 27.5 x 35.5 | 25.5 x 27.3 x 38.0 |
| | cm | 66.0 x 69.9 x 90.2 | 64.8 x 69.3 x 96.6 |
| Chamber Dimensions (wxdxh) | Inches | 16.5 x 19.2 x 18.7 | 19.2 x 20.0 x 25.7 |
| | cm | 41.9 x 48.9 x 47.6 | 48.9 x 50.8 x 65.4 |
| Incubator Chamber Capacity | cu ft | 3.4 | 5.4 |
| | L | 97 | 150 |
| Temperature Range | Celsius | Ambient + 15°C to 225°C | Ambient + 15°C to 225°C |
| Temperature Uniformity | minutes | +/- 4.5°C at 150°C | +/- 2.0°C at 150°C |
| Temperature Recovery | minutes | 11 minutes at 150°C | 11 minutes at 150°C |
| Heat-up Time | minutes | 36 minutes to 150°C | 36 minutes to 150°C |
| Number of Shelves | Included | 2 | 2 |
| | Maximum | 8 | 8 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology.

Gravity Ovens

Economy



The SHEL LAB economy gravity convection are designed for efficient heating at an economical price. The double wall insulation helps to minimize heat loss. The low watt density heater keeps temperatures uniform and energy consumption low.

Precise Temperature Control - Superior Uniformity

- Temperature Uniformity
+/- 4.0°C at 100°C
- Temperature Range Ambient
+ 5.0°C to 200°C

| Gravity Ovens Value Plus | Model Number | | | | |
|--------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|
| | 110-120V | SG01E 89409-436 | SG02E 89409-440 | SG04E 89409-444 | SG06E 89409-404 |
| | 220-230V | 89409-438 | 89409-442 | 89409-446 | 89409-406 |
| | Details | Small | Medium | Large | Extra Large |
| Exterior Dimensions (wxdxh) | Inches | 16.0 x 17.5 x 18.5 | 21.0 x 17.5 x 23.5 | 23.3 x 20.0 x 31.0 | 25.0 x 24.5 x 37.8 |
| | cm | 40.6 x 44.5 x 47.0 | 53.0 x 44.5 x 60.0 | 59.0 x 51.0 x 79.0 | 63.5 x 62.3 x 95.9 |
| Chamber Dimensions (wxdxh) | Inches | 12.0 x 12.0 x 12.0 | 17.0 x 12.0 x 17.0 | 17.0 x 17.5 x 22.0 | 20.0 x 17.5 x 28.0 |
| | cm | 30.5 x 30.5 x 30.5 | 43.0 x 30.5 x 43.0 | 43.0 x 44.5 x 56.0 | 50.8 x 44.4 x 71.1 |
| Incubator Chamber Capacity | cu ft | 1 | 2 | 4 | 6.2 |
| | L | 28 | 56 | 113 | 174 |
| Number of Shelves | Included | 1 | 2 | 2 | 2 |
| | Max | 4 | 4 | 6 | 8 |

*All specifications are determined by using average values on standard equipment at an ambient temperature of 25°C (77°F) and line voltages within +/-10% of unit type (115V/230V). Temperature specifications follow DIN 12880 methodology.

Vacuum Cross-Flow Ventilation



All SHEL LAB vacuum ovens feature a unique cross-flow ventilation design to ensure superior performance. The vacuum port and the vent port are located on opposite sides of the chamber to create cross flow patterns. During vacuum operation, heavy particles and condensation from the oven interior are not pulled into the vacuum pump. More importantly, Nitrogen or other inert gases are forced across the greatest distance inside the oven chamber, passing over your samples and purging the chamber. Corrosion resistant stainless steel tubing is used for the gas purge system.



Horizontal Air Flow Diagram

The SHEL LAB high volume blower system circulates air through stainless steel air ducts, providing horizontal one pass airflow. This horizontal airflow provides superior temperature uniformity and fast heat-up capabilities. The unique air ducts move heated air and direct it to the right side of the chamber. Our precise horizontal airflow delivers performance even under maximum capacity oven loads.

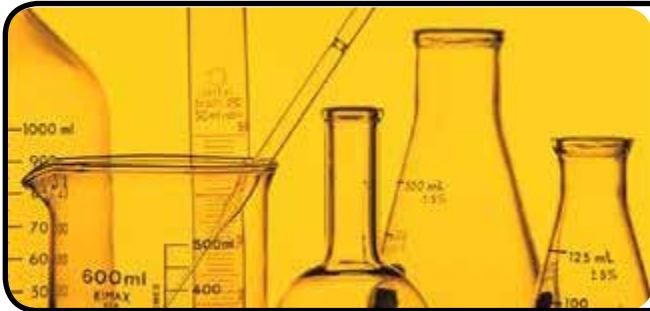


Gravity Convection Air Flow Diagram

SHEL LAB gravity ovens rely on the natural thermal properties of heating - warm air rises. We utilize this airflow and combine it with our unique air duct system to allow heated air to move up through these ducts improving uniformity. Gravity ovens are commonly used in applications when natural heating is required without the assistance of fans or blowers. This technology is ideal for applications which include samples that are sensitive to air movement.

Vacuum Oven Applications

- Moisture Determination
- Out Gassing Solids
- Aging Tests
- Plating
- Chemical Resistance Studies
- Drying of Paper
- Rubber and Textiles
- Desiccating
- Dry Sterilization
- Out Gassing Liquids
- Vacuum Storage
- Electronic Process Control



Oven Applications

- Batch Testing
- Aging Tests
- Sterilizing
- Electronic burn-in
- Preheating Process
- Components Processing
- Stability Testing
- Glassware Drying
- Asphalt Testing
- Moisture Analysis

SHEL LAB Oven Warranty

All SHEL LAB Ovens have a two year limited warranty. Sheldon Manufacturing, Inc., ("Manufacturer") warrants for the original user of this product in the U.S.A. only that this product (parts only if outside of the U.S.A.) will be free from defects in material and workmanship for a period of two years from the date of delivery of this product to the original user (the "Warranty Period"). During the Warranty Period, Manufacturer, at its election and expense, will repair or replace the product or parts that are proven to Manufacturer's satisfaction to be defective, or, at Manufacturer's option, refund the price or credit (against the price of future purchases of the product) the price of any products that are proven to Manufacturer's satisfaction to be defective. This warranty does not include any labor charges if outside of the U.S.A. This warranty does not cover any damage due to accident, misuse, negligence, or abnormal use.



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