



Operations Manual

Item: H2606 Series

SureTemp™ Digital Ovens



I. Specifications:

Capacity: 30L, 50L or 150L
Temp. Range: Ambient +5 to 200°C
Timer: Continuous or 1 to 999 hr / 1 to 999 min.
Internal Dimensions (wxdxh):
30L: 32.5 x 31 x 31.5 cm / 12.8 x 12.2 x 12.4 in.
50L: 38 x 36.5 x 39 cm / 15 x 14.4 x 15.4 in.
150L: 62.5 x 51 x 50 cm / 24.6 x 20.1 x 19.7 in
External Dimensions:
30L: 42.5 x 42 x 61 cm / 16.7 x 16.5 x 24 in.
50L: 48x 47.5 x 69.5 cm / 19.1 x 18.7 x 27.4 in
150L: 72.5 x 62 x 79.5 cm / 28.5 x 24.4 x 31.3 in
Shelf Dimensions (cm):
30L: 29.3x29.3 50L: 34.3x35.5 150L: 59.5x49.5
Electrical: 115V or 230V 50-60Hz
Power: 700w /1000W/1400W
Weight: 30L: 48.5lbs / 22kg 50L: 62lbs/28kg
150L: 132lbs/ 60kg
Operating environment: 15°C to 30°C
Warranty: 2 years

II. Product Set-Up:

Place the instrument on a flat and stable surface.

Plug the instrument into a properly grounded outlet. Always ensure that there is at least two inches of clearance space on all sides of (and above) the platform. **150L Only:** To access caster wheels, turn the stationary feet clockwise to extend and counterclockwise to retract.

III. Product Operation:

Press the "On/OFF" button to power on (the indicator becomes green).

Set Temperature: Press the UP, DOWN and LEFT buttons to set the desired temperature, then press "SET" to store the value.

Set Time: Press the "TIME" button. TIME is displayed on the top of the display, the bottom will shown either MIN (for minute) or HR (for hour). Use the UP or DOWN key to make the desired selection and press SET to store. The display now shows the time value, Press LEFT, then use the UP and DOWN keys to select the desired time value and press SET to store and the press LEFT to continue.

To set the timer to continuous, press the "CONT" button.

Note: "OUT2" will be displayed on the screen when the instrument is in time mode. This will not be displayed when in continuous mode.

IV. Advanced Programming

The LEFT button on the display can be used for accessing the advance programming.

To access, first ensure that the instrument is in the continuous time mode by pressing the "CONT" button. You may then toggle through the internal settings by pressing the LEFT button, see below:

PVoF: Offset/Calibration setting. To adjust the offset or calibration of the instrument, adjust the value using the UP or DOWN keys. NOTE:

Calibration is only recommended by a qualified professional and all measurements should be via a calibrated thermometer. It is NOT recommended to adjust the offset value by more than 10.0. If the measured temperature has deviation form the displayed temperature of more than 10C, please contact BENCHMARK SCIENTIFIC INC.

AL1H: Upper Alarm Value Setting: The alarm will trigger when the measured temperature exceeds the set temperature by this value. (Default is 10.0). This value can be adjusted using the UP and DOWN keys.

AL1L: Upper Alarm Value Setting: The alarm will trigger when the measured temperature drops below the the set temperature by this value. (Default is 10.0). This value can be adjust using the UP and DOWN buttons.

tPUN: Temperature Unit Setting: Use the up and down buttons to choose between degrees Celsius or degrees Fahrenheit.

At: Self-Adjustment (Auto-tuning) Setting: If at any point, the Actual temperature has difficult stabilizing on the display and matching the set temperature, it is recommended to activate this function.

NOTE: When pressing the LEFT button while the instrument is not in continuous mode, the button will change the display function.

VI. Care and Maintenance:

No routine maintenance is required other than to keep the unit clean. Cleaning can be done with a damp cloth. Avoid the use of solvents as they may damage the product housing.

Service and Contact:

In the event that service or technical support is required, please contact **Benchmark** by phone at **1-908-769-5555** or by email at info@benchmarkscientific.com.