



Thermo Scientific Laboratory Products  
for Every Lab, Every Day

essential solutions for  
**maximizing productivity**

**Thermo**  
SCIENTIFIC

## Thermo Scientific Precision Compact Heating and Drying Ovens

Compact heating and drying ovens conserve valuable benchtop space and feature mechanical or gravity convection models, ideal for drying and baking applications



Unit shown mechanical convection unit PR305225M with LED display.

- Double-wall interior with 2.5cm (1in.) silica-based insulation and powder-coated cold-rolled steel exterior
- Pilot light visually indicates oven operation status

### Gravity-Convection Models

- Gentle drying with low turbulence: air is moved vertically through chamber to heat samples
- Preset high-temperature safety bimetallic thermostat (no display) ensures over-temperature protection

### Mechanical-Convection Models

- Uniform heating, precise temperature control and fast drying
- Hydraulic thermostat
- LED display
- Stainless-steel chamber

**Applications:** Drying and baking

**Ordering Information:** Additional shelves are sold separately

**Includes:** One fixed and two adjustable shelves.

**Warranty:** 1 year (parts and labor)

**Certifications:** UL/cUL listed

**PRODUCT NOT AVAILABLE IN EUROPE**

Cat. No.	Capacity	Interior D x W x H	Exterior L x W x H	Temp. Range	Chamber Material	Shipping Weight	Electrical
<b>Gravity Convection</b>							
PR305225G	48.1L (1.7 cu. ft.)	41 × 41 × 29cm (11.5 × 16 × 16.2in.)	34 × 47 × 57cm (13.5 × 18.5 × 22.5in.)	Ambient +5° to 210°C	Aluminum	26kg (57 lb.)	120V 60Hz, 800w
PR305220G	48.1L (1.7 cu. ft.)	41 × 41 × 29cm (11.5 × 16 × 16.2in.)	34 × 47 × 57cm (13.5 × 18.5 × 22.5in.)	Ambient +5° to 210°C	Aluminum	26kg (57 lb.)	240V 50/60Hz, 800w
<b>Mechanical Convection</b>							
PR305225M	48.1L (1.7 cu. ft.)	29 × 41 × 41cm (11.5 × 16 × 16in.)	47 × 64 × 40cm (18.4 × 25 × 15.6in.)	Ambient +5° to 210°C	Stainless steel	36kg (80 lb.)	120V 60Hz, 1200w
PR305220M	48.1L (1.7 cu. ft.)	29 × 41 × 41cm (11.5 × 16 × 16in.)	47 × 64 × 40cm (18.4 × 25 × 15.6in.)	Ambient +5° to 210°C	Stainless steel	36kg (80 lb.)	240V 50/60Hz, 1200w

### Thermo Scientific Shelves for Precision Compact Ovens

Cat. No.	Capacity	Type
3511-8Q	48.1L (1.7 cu. ft.)	Gravity Convection
3515M-8Q	48.1L (1.7 cu. ft.)	Mechanical Convection

## Thermo Scientific Vacuum Ovens

**Maximum flexibility, with a maximum temperature of 220°C (428°F), two control configurations and display options**



- Radiant warm-wall heating system optimizes uniformity and conserves chamber space for drying, curing, vacuum embedding and plating applications
- 3in. (7.6cm) glass wool insulation prevents heat loss
- Silicone door gasket and positive latch door maintain seal at all vacuum levels
- Polycarbonate safety shield protects door glass
- Hydraulic thermostat temperature control  $\pm 1.5^{\circ}\text{C}$  with a uniformity of  $\pm 5^{\circ}\text{C}$  at  $100^{\circ}\text{C}$ , 25in.Hg
- Built-in over-temperature protection
- Vacuum level is displayed on gauges from 0 to 30in.Hg
- Vacuum and air lines are corrosion-resistant stainless-steel tubing for optimum chamber cleanliness and long-term performance
- With two removable stacking aluminum shelves
- Easy-to-clean Type 304 stainless-steel interior chamber
- Powder-coated heavy-gauge steel exterior for durability
- Temperature Range: Ambient  $+10^{\circ}$  to  $220^{\circ}\text{C}$

### 3606 Models

- Top-mounted independent evacuation and venting vacuum fittings

### 3608 and 3618 Models

- Front-mounted three-way valve for evacuation, venting and purging of inert gases (e.g., Nitrogen or Argon) with vacuum fittings on the front of the unit

**Required Accessories:** Vacuum fittings require 0.25in. (0.6cm) I.D. tubing  
**Warranty:** 1 year (parts and labor)

**PRODUCT NOT AVAILABLE IN EUROPE**

Cat. No.	Capacity	Display	Interior D x W x H	Exterior L x W x H	Temp. Resolution	Temp. Uniformity	Shipping Weight	Electrical
<b>3606</b>	12.5L (0.44 cu. ft.)	Bimetallic thermometer with $5^{\circ}\text{C}$ increments	30 x 20 x 20cm (12 x 8 x 8in.)	41 x 43 x 44cm (16 x 17 x 17in.)	$\pm 1.5^{\circ}\text{C}$	$\pm 2.2^{\circ}\text{C}$ at $100^{\circ}\text{C}$ 25in.Hg	50kg (110 lb.)	120V 50/60Hz, 600w, 5A
<b>3606-1CE</b>	12.5L (0.44 cu. ft.)	Bimetallic thermometer with $5^{\circ}\text{C}$ increments	30 x 20 x 20cm (12 x 8 x 8in.)	41 x 43 x 44cm (16 x 17 x 17in.)	$\pm 1.5^{\circ}\text{C}$	$\pm 2.2^{\circ}\text{C}$ at $100^{\circ}\text{C}$ 25in.Hg	50kg (110 lb.)	240V 50/60Hz 600w 2.5A
<b>3608</b>	19.8L (0.7 cu. ft.)	Bimetallic thermometer with $5^{\circ}\text{C}$ increments	30 x 25 x 25cm (12 x 10 x 10in.)	40 x 50 x 41cm (16 x 19.8 x 16.25in.)	$\pm 1.0^{\circ}\text{C}$	$\pm 6.0^{\circ}\text{C}$ at $150^{\circ}\text{C}$ 25in.Hg	59kg (130 lb.)	120V 50/60Hz, 600w, 5A
<b>3608-1CE</b>	19.8L (0.7 cu. ft.)	Bimetallic thermometer with $5^{\circ}\text{C}$ increments	30 x 25 x 25cm (12 x 10 x 10in.)	40 x 50 x 41cm (16 x 19.8 x 16.25in.)	$\pm 1.0^{\circ}\text{C}$	$\pm 6.0^{\circ}\text{C}$ at $150^{\circ}\text{C}$ , 25in.Hg	59kg (130 lb.)	240V 50/60Hz 600w 2.5A
<b>3608-5</b>	19.8L (0.7 cu. ft.)	LED with $1^{\circ}\text{C}$ increments	30 x 25 x 25cm (12 x 10 x 10in.)	40 x 50 x 41cm (16 x 19.8 x 16.25in.)	$\pm 1.0^{\circ}\text{C}$	$\pm 6.0^{\circ}\text{C}$ at $150^{\circ}\text{C}$ , 25in.Hg	59kg (130 lb.)	120V 50/60Hz, 600w, 5A
<b>3608-6CE</b>	19.8L (0.7 cu. ft.)	LED with $1^{\circ}\text{C}$ increments	30 x 25 x 25cm (12 x 10 x 10in.)	40 x 50 x 41cm (16 x 19.8 x 16.25in.)	$\pm 1.0^{\circ}\text{C}$	$\pm 6.0^{\circ}\text{C}$ at $150^{\circ}\text{C}$ , 25in.Hg	59kg (130 lb.)	240V 50/60Hz 600w 2.5A
<b>3618</b>	65.1L (2.3 cu. ft.)	Bimetallic thermometer with $5^{\circ}\text{C}$ increments	51 x 36 x 36cm (20 x 14 x 14in.)	64 x 64 x 56cm (25 x 25 x 22in.)	$\pm 1.0^{\circ}\text{C}$	$\pm 5.0^{\circ}\text{C}$ at $100^{\circ}\text{C}$ 25in.Hg	134kg (295 lb.)	120V 50/60Hz, 1600w, 13.3A
<b>3618-1CE</b>	65.1L (2.3 cu. ft.)	Bimetallic thermometer with $5^{\circ}\text{C}$ increments	51 x 36 x 36cm (20 x 14 x 14in.)	64 x 64 x 56cm (25 x 25 x 22in.)	$\pm 1.0^{\circ}\text{C}$	$\pm 5.0^{\circ}\text{C}$ at $100^{\circ}\text{C}$ 25in.Hg	134kg (295 lb.)	240V 50/60Hz 1600w 6.7A
<b>3618-5</b>	65.1L (2.3 cu. ft.)	LED with $1^{\circ}\text{C}$ increments	51 x 36 x 36cm (20 x 14 x 14in.)	64 x 64 x 56cm (25 x 25 x 22in.)	$\pm 1.0^{\circ}\text{C}$	$\pm 5.0^{\circ}\text{C}$ at $100^{\circ}\text{C}$ 25in.Hg	134kg (295 lb.)	120V 50/60Hz, 1600w, 13.3A
<b>3618-6CE</b>	65.1L (2.3 cu. ft.)	LED with $1^{\circ}\text{C}$ increments	51 x 36 x 36cm (20 x 14 x 14in.)	64 x 64 x 56cm (25 x 25 x 22in.)	$\pm 1.0^{\circ}\text{C}$	$\pm 5.0^{\circ}\text{C}$ at $100^{\circ}\text{C}$ 25in.Hg	134kg (295 lb.)	240V 50/60Hz 1600w 6.7A