



Low Cost Gravity and Mechanical Convection Ovens



Model 3515M

Includes Two FREE Shelves

Product Description

- Economical gravity or mechanical convection models designed for the budget-conscious laboratory.
- Gravity and convection models feature aluminum and stainless steel interiors respectively.
- Compact size of type 3510 oven conserves valuable bench top space.
- Model 3513 oven is a large capacity two door unit.
- Double wall interior with 1" (2.5 cm) silica-based insulation.
- One fixed, two adjustable chrome-plated wire shelves are included.
- Durable powder coated cold-rolled steel exterior.
- 120 volt models have 3-wire cord and plug; 240 volt models have 3-wire line cord only.

Operation

- Gravity convection models utilize a bimetallic thermostat to control temperature from ambient +5°C to 210°C. (Thermometer required for temperature monitoring not included.)
- Mechanical convection models utilize a hydraulic thermostat to control temperature from ambient +5°C to 210°C and include an LED temperature display.

Our Most Economical Ovens for Basic Drying and Baking Applications!

- Gravity or mechanical convection models
- 0.7 cu. ft. (19.8 l) to 5.7 cu. ft. (161.4 l) chamber volumes
- High limit safety thermostat
- ☆ 24 Month Warranty



Safety

- Pre-set high temperature limit safety thermostat standard on all models.
- All models feature a pilot light to indicate oven operation status.

Applications

- Drying glassware
- Drying and/or baking non-flammable crystalline chemicals
- Pre-heating crucibles or other containers
- Drying filter paper strips or rounds

Lab-Line Ovens



PRODUCT SPECIFICATIONS

Type	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Volume cu. ft. (l)	Shipping Weight Lb. (kg)
	W	H	D	W	H	D		
3510	10 (25)	11.3 (29)	11.5 (29)	12.5 (32)	18 (46)	13.5 (34)	0.7 (19.8)	35 (16)
3511	16 (41)	16.2 (41)	11.5 (29)	18.5 (47)	22.5 (57)	13.5 (34)	1.7 (48.1)	57 (26)
3512	18 (46)	22 (56)	13.5 (34)	20.5 (52)	28.5 (72)	15.75 (40)	3.1 (87.8)	80 (36)
3513	28 (71)	22 (56)	18 (46)	31.6 (79)	28.8 (73)	20.6 (52)	5.7 (161.4)	140 (64)
3515M	16 (41)	16 (41)	11.5 (29)	18.4 (47)	25 (64)	15.6 (40)	1.7 (48.1)	80 (36)
3516M	18 (46)	22 (56)	13.5 (34)	20.4 (52)	31 (78)	17.7 (45)	3.1 (87.8)	105 (48)

OPERATING SPECIFICATIONS

	Operating Temp Range °C	Rise Time (Ambient to 200°C)	Control @100°C	Uniformity @100°C
Gravity Convection	Ambient +5°C-210°C	52 minutes	±9°C	±5°C
Mechanical Convection	Ambient +5°C-210°C	30 minutes	±4°C	±7°C

ORDERING INFORMATION

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	US List Price	Model #	Volts	Electrical (50/60 Hz) Amps	Watts	US List Price
Gravity Convection					Mechanical Convection				
3510 ^{1,2}	120	4.2	500	\$170.80	3515M ¹	120	10.0	1200	\$1,512.00
3510-1	240	2.1	500	\$493.00	3515M-1	240	5.0	1200	\$1,512.00
3511 ^{1,2}	120	6.7	800	\$135.00	3516M ¹	120	10.0	1200	\$1,762.00
3511-1	240	3.3	800	\$613.00	3516M-1	240	5.0	1200	\$1,762.00
3512 ^{1,2}	120	6.7	800	\$106.00	¹ CSA, ² UL				
3512-1	240	3.3	800	\$804.00					
3513 ^{1,2}	120	13.3	1600	\$1,480.00					
3513-1	240	6.7	1600	\$1,480.00					

ACCESSORIES

Model #	Description	US List Price
3510-8	Shelf for models 3510, 3510-1	\$12.00
3511-8	Shelf for models 3511, 3511-1, 3515M, 3515M-1	\$33.00
3512-8	Shelf for models 3512, 3512-1, 3516M, 3516M-1	\$38.00
3513-8	Shelf for models 3513, 3513-1	\$45.00
170-029-00	Shelf clips	\$2.40