

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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Custom engineering
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Fisher Scientific* Isotemp* Premium Lab Ovens

Full-feature ovens available as gravity-flow or forced-air models in a variety of sizes



Includes:

- Small oven supplied with one shelf (holds up to 5)
- Medium oven has one shelf (holds up to 8)
- Large oven comes with two shelves (holds up to 11)

Description

Operating Features

- Intuitive microprocessor controls with touch keypad, LED digital display and on-screen prompts
- Variable temperature control from 50° to 275°C in 1°C increments
- Automatic overtemperature protection at 5°C above setpoint with visual alarm
- Last settings retained in memory
- Built-in safety backup and circuit breaker to protect oven from power surges

Cabinet Features

- Easy-to-clean stainless-steel chambers
- Enamel-painted steel exterior with coated aluminum trim
- Low-watt-density, longlife heating elements
- Thick 21/2 in. (6.4cm) all-around fiberglass insulation keeps exterior cool
- Gasketed door has stay-cool latch; opens 180° for easy access
- Adjustable chrome-plated steel wire shelves (163/4 x 173/8 in. [44 x 42.5cm])
- Nonskid rubber feet elevate cabinet for ventilation

Three Sizes

Small: 2.5 cu. ft. chamber volume; supplied with one shelf (holds up to 5)

Medium: 3.75 cu. ft.; with one shelf (holds up to 8)

Large: 5.0 cu. ft.; with two shelves (holds up to 11)

Forced-Air Ovens

- Deliver more uniform heating for better temperature control and faster drying
- Blower circulates air throughout chamber; fresh air is mixed in and recirculated
- Used air vented through top of oven

Gravity-Flow Ovens

- Vertical airflow for uniform sample heating
- Used air expelled through top-mounted vent

Specifications & Ordering Information:
Shelf 13-247S is available online
Warranty: 12 months

	Forced-Air Ovens			Gravity-Flow Ovens		
Model	Small	Medium	Large	Small	Medium	Large
Chamber Volume	2.5 cu. ft. (70.8L)	3.75 cu. ft. (102.6L)	5.0 cu. ft. (141.6L)	2.5 cu. ft. (70.8L)	3.75 cu. ft. (102.6L)	5.0 cu. ft. (141.6L)
Temperature Range	50° to 275°C	50° to 275°C	50° to 275°C	50° to 275°C	50° to 275°C	50° to 275°C
Uniformity at 200°C[1]	±3°C	±3°C	±3°C	±4°C	±4°C	±4°C
BTU per Hour (200°C)	2750	2925	3095	1325	2025	2140
Control	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C	±0.5°C
Recovery[2]	1 minute	2 minutes	2.5 minutes	2 minutes	3 minutes	4 minutes
Air Changes per Hour	43	29	22	24	16	12
Exterior L x W x H[3]	231/2 x 253/4 x 26 in. (60 x 65 x 66cm)	231/2 x 253/4 x 33 in. (60 x 65 x 84cm)	231/2 x 253/4 x 391/4 in. (60 x 65 x 100cm)	231/2 x 253/4 x 26 in. (60 x 65 x 66cm)	231/2 x 253/4 x 33 in. (60 x 65 x 84cm)	231/2 x 253/4 x 391/4 in. (60 x 65 x 100cm)
Chamber D x W x H	18 x 18 x 131/2 in. (46 x 46 x 34cm)	18 x 18 x 20 in. (46 x 46 x 51cm)	18 x 18 x 261/2 in. (46 x 46 x 67cm)	18 x 18 x 131/2 in. (46 x 46 x 34cm)	18 x 18 x 20 in. (46 x 46 x 51cm)	18 x 18 x 261/2 in. (46 x 46 x 67cm)
Shipping Weight	120 lb. (54kg)	127 lb. (58kg)	135 lb. (61kg)	115 lb. (52kg)	130 lb. (59kg)	145 lb. (66kg)
Electrical Requirements[4]	120V 60Hz, 11A, 1300w	120V 60Hz, 15A, 1800w[4]	120V 60Hz, 15A, 1800w[4]	120V 60Hz, 11A, 1300w	120V 60Hz, 15A, 1800w[4]	120V 60Hz, 15A, 1800w[4]
Cat. No.	13-247-725F	13-247-737F	13-247-750F	13-247-725G	13-247-737G	13-247-750G
Electrical Requirements4	240V 50Hz, 11A, 1300w	240V 50Hz, 15A, 1800w4	240V 50Hz, 15A, 1800w4	240V 50Hz, 11A, 1300w	240V 50Hz, 15A, 1800w4	240V 50Hz, 15A, 1800w4
Cat. No.	13-247-726F	13-247-738F	13-247-751F	13-247-726G	13-247-738G	13-247-751G

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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