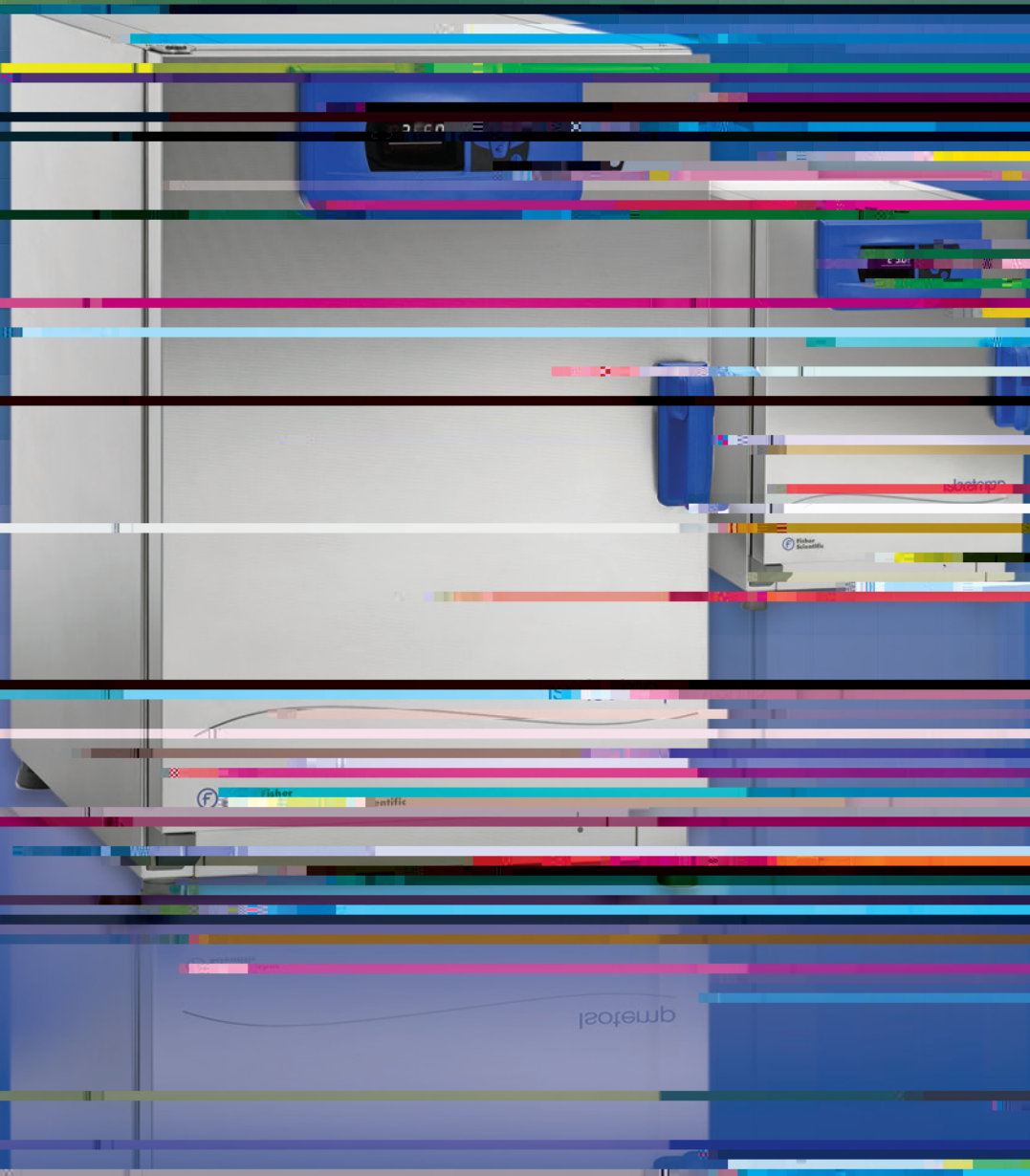


Fisher Scientific

Isotemp General Purpose
Heating and Drying Ovens

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Gravity Convection Ovens

Mechanical Convection

Fisher Scientific Isotemp Heating and Drying Ovens



Key features of Fisher Scientific Isotemp heating and drying ovens:

- » Outstanding temperature uniformity and stability to keep samples at desired condition
- » Wide temperature range: 50 °C – 250 °C
- » Intuitive and easy-to-use microprocessor controller
- » Large, easy-to-read fluorescent display
- » Automatic over temperature alarm
- » On/Off timer for automated operation
- » Easy calibration routine ensures temperature compliance over time
- » Corrosion resistant stainless steel interior (1.4016 / AISI 430) with smooth corners for easy cleaning
- » Manual controlled fresh air damper to adjust air exchange
- » Doors can open to over 180° degrees for optimal access
- » Flexible shelving system with different positions to optimize chamber space
- » Outstanding footprint/volume ratio reduces required bench space
- » Stackable same-size-units, with optional heat shield, for optimal access

Fisher Scientific Isotemp Heating and Drying Ovens

Product specifications



Product Specifications

Cat No	151030503	151030508	151030509	151030510	151030511	151030512
Chamber Size L/CUFT	65 / 2.3	105 / 3.75	176 / 6.2	66 / 2.3	104 / 3.65	179 / 6.3
Convection	Gravity	Gravity	Gravity	Forced Air	Forced Air	Forced Air
Temperature Range	50 to 250 °C	50 to 250 °C	50 to 250 °C	50 to 250 °C	50 to 250 °C	50 to 250 °C
Uniformity at 150 °C	± 4 °C	± 4.5 °C	± 5 °C	± 3.3 °C	± 3.5 °C	± 3.5 °C
Stability at 150 °C	± 0.4 °C	± 0.4 °C	± 0.4 °C	± 0.3 °C	± 0.4 °C	± 0.3 °C
Internal Dimensions (D x W x H) mm / in	414 x 328 x 480 / 16.3 x 12.9 x 18.9	414 x 438 x 580 / 16.3 x 17.2 x 22.8	589 x 438 x 680 / 23.2 x 17.2 x 26.8	368 x 354 x 508 / 14.5 x 13.9 x 20	368 x 464 x 608 / 14.5 x 18.3 x 23.9	543 x 464 x 708 / 21.4 x 18.3 x 27.9
External Dimensions (D x W x H) mm / in	565 x 530 x 720 / 22.2 x 20.9 x 28.3	565 x 640 x 820 / 22.2 x 25.2 x 32.3	738 x 640 x 920 / 29.1 x 25.2 x 36.2	565 x 530 x 720 / 22.2 x 20.9 x 28.3	565 x 640 x 820 / 22.2 x 25.2 x 32.3	738 x 640 x 920 / 29.1 x 25.2 x 36.2
Shelves Supplied / Max	2 / 13	2 / 16	2 / 19	2 / 13	2 / 16	2 / 19
Shelf Load, kg / lbs	25 / 55	25 / 55	25 / 55	25 / 55	25 / 55	25 / 55
Wire Shelf Part No	150145849	150145850	150145851	150145846	150145847	150145848
Wire Shelf Dimensions (W x D)	312 x 386 mm / 12.28 x 15.20 in	422 x 386 mm / 16.61 x 15.20 in	422 x 561 mm / 16.61 x 22.07 in	338 x 336 mm / 13.31 x 13.22 in	338 x 336 mm / 13.31 x 13.22 in	448 x 511 mm / 17.64 x 20.12 in
Perforated Stainless Steel Shelf Part No	N/A	N/A	N/A	150145855	150145856	150145857
Perforated Stainless Steel Shelf Dimensions (W x D) mm / in	N/A	N/A	N/A	329 x 330 mm / 12.95 x 12.99 in	439 x 330 mm / 17.28 x 12.99 in	439 x 505 mm / 17.28 x 19.88 in
Electrical/ Plug Type	120V; 60Hz; 1730w; 14.4A Nema 5-15 US	120V; 60Hz; 1680w; 14A Nema 5-15 US	120V; 60Hz; 1680w; 14A Nema 5-15 US	120V; 60Hz; 1440w; 12A Nema 5-15 US	120V; 60Hz; 1660w; 13.8A Nema 5-15 US	120V; 60Hz; 1660w; 13.8A Nema 5-15 US
Energy Consumption at 150 °C	194W	261W	320W	316W	410W	465W
Unit Weight, kg / lbs	42 / 93	53 / 117	66 / 146	42 / 93	53 / 117	66 / 146

