

Designer Series Scientific Oven - Product Specification

Model	8050	8100	8150
Dimensions – external (H x W X D) mm	550 x 550 x 520	790 x 550 x 520	860 x 550 x 660
Dimensions – internal (H x W x D) mm	420 x 400 x 360	660 x 400 x 360	710 x 400 x 500
Capacity	50 litre	100 litre	150 litre
Shelves	1 perforated stainless steel	1 perforated stainless steel	2 perforated stainless steel
Weight Kg	30	41	46
Packed weight Kg	39	48	61
Packed dimensions mm	700 x 620 x 620	950 x 620 x 620	1000 x 690 x 720
Timer Range	1 minute to 99h 59m continuous	1 minute to 99h 59m continuous	1 minute to 99h 59m continuous
Temperature range	Ambient +5°C to 260°C continuous	Ambient +5°C to 260°C continuous	Ambient +5°C to 260°C continuous
Temporal Variation (Tolerance)	+/- 0.2°C (unloaded at 105°C)	+/- 0.2°C (unloaded at 105°C)	+/- 0.2°C (unloaded at 105°C)
Spatial Variation (Uniformity)	+/- 2.5°C (unloaded at 105°C)	+/- 2.5°C (unloaded at 105°C)	+/- 2.5°C (unloaded at 105°C)
Control System	ZP21 Microprocessor based digital system	ZP21 Microprocessor based digital system	ZP21 Microprocessor based digital system
Automatic/Manual safety	2.0°C above and below set point. User-adjustable high limit. Safety fuse	2.0°C above and below set point. User-adjustable high limit. Safety fuse	2.0°C above and below set point. User-adjustable high limit. Safety fuse
Power Requirements	230Vac 50 Hz 650W	230Vac 50 Hz 850W	230Vac 50 Hz 1050W