

## Laboratory Oven - AX

### General Information

The Apex AX range of 250°C laboratory ovens comprises three bench-top sized models equipped with the R38 digital PID temperature controller.



### Standard features

- 250 °C maximum operating temperature
- 30, 60 or 120 litres chamber volumes
- Equipped with the R38 digital PID temperature controller
- Fan convection for rapid heating & excellent uniformity
- Chemically resistant stainless steel liner
- Two adjustable nickel-chrome plated wire shelves
- Lever latch door & airtight silicone seal
- Compliant with safety standard BS EN 61010-2-010:2003

### Options (specify these at time of order)

- Over-temperature protection (recommended to protect valuable contents & for unattended operation)
- Digital countdown timer to switch oven off
- Additional sets of shelves & runners
- Lockable door
- Low voltage options for use below 220 V
- Routine spares kit

### Technical Specifications

#### AX30

Max temp (°C)	250
Min temp (°C)	Ambient +30
Temp uniformity (°C)	±5.0 @ 250°C
Heat-up time (mins)	23
Recovery time (mins)	3
Dimensions: Internal H x W x D (mm)	295 x 300 x 320
Dimensions: External H x W x D (mm)	440 x 590 x 465
Shelves fitted / accepted	2 / 4
Shelf loading each / total (kg)	10 / 20
Volume (litres)	28
Air changes / hr	65
Max power (W)	1000
Holding power (W)	342
Weight (kg)	24

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### AX60

Max temp (°C)	250
Min temp (°C)	Ambient +30
Temp uniformity (°C)	±5.0 @ 250°C
Heat-up time (mins)	25
Recovery time (mins)	3
Dimensions: Internal H x W x D (mm)	395 x 400 x 420
Dimensions: External H x W x D (mm)	540 x 690 x 565
Shelves fitted / accepted	2 / 6
Shelf loading each / total (kg)	10 / 30
Volume (litres)	66
Air changes / hr	28
Max power (W)	1500
Holding power (W)	465
Weight (kg)	37

### AX120

Max temp (°C)	250
Min temp (°C)	Ambient +30
Temp uniformity (°C)	±5.0 @ 250
Heat-up time (mins)	26
Recovery time (mins)	3
Dimensions: Internal H x W x D (mm)	495 x 500 x 520
Dimensions: External H x W x D (mm)	640 x 790 x 665
Shelves fitted / accepted	2 / 8
Shelf loading each / total (kg)	10 / 40
Volume (litres)	128
Air changes / hr	14
Max power (W)	2000
Holding power (W)	622
Weight (kg)	55

### Please note:

- Uniformity is measured in an empty chamber with vents closed, after a stabilisation period
- Shelf loadings are based on evenly distributed weight
- Maximum power and heat up times based on a 240V supply
- The uniform volume is smaller than the total chamber volume
- Minimum operating temperature is ambient +30°C