



Digital Ovens

This deluxe range of ovens are fitted with a digital controller for precise temperature control.

Whether for use in simple drying processes, ageing, curing or general investigations, Scientific ovens provide the ideal solution for diverse thermal applications.

- Choice of 5 different capacities
- High accuracy pt 100 temperature sensor
- Solid state control relay for optimum reliability
- Operating temperature ambient +7°C to 250°C
- Supplied with 2 chrome plated shelves.
- Ideal for applications where a higher degree of accuracy is required
- Electronic P.I.D temperature control with digital indication of set and process value

Model	Internal Volume (l)	Temp variation across chamber (±°C)	Temp variation at a point (±°C)	External Dimensions (W x H x D)	Internal Dimensions (W x H x D)	Maximum Load per shelf (kg)	Approx Net Weight (kg)	Electrical connection (V/hz)	Power Rating (W)
275	40	1.5	0.3	651x510x600	385x375x370	26	34	230/50	500
276	80	1.5	0.3	750x540x690	485x400x455	26	40	230/50	500
277	160	2.0	0.3	801x720x770	535x580x535	26	63	230/50	750
278	240	2.5	0.3	890x820x810	625x680x580	20	75	230/50	1000
279	400	2.5	0.3	990x920x985	625x680x580	20	116	230/50	1500

Contact

Double Door Digital Ovens



Whether for use in simple drying processes, ageing, curing or general investigations, Scientific ovens provide the ideal solution for diverse thermal applications.

- Power rating @ 230V
- Available in 2 sizes
- Two point locking system for effective door sealing.
- Available in 2 model types
- All other specifications identical to the comparable single door model
- Full range of accessories available
- Supplied with 2 chrome plated shelves

Model	Internal Volume (l)	Temp variation across chamber ($\pm^{\circ}\text{C}$)	Temp variation at a point ($\pm^{\circ}\text{C}$)	External Dimensions (W x H x D)	Internal Dimensions (W x H x D)	Maximum Load per shelf (kg)	Approx Net Weight (kg)	Electrical connection (V/hz)	Power Rating (W)
278D	240	2.5	0.3	734x905x834	625x680x580	20	75	230/50	1000
279D	400	2.5	0.3	834x1005x985	725x780x755	20	116	230/50	1500

Contact

Double Door Economy Ovens



Whether for use in simple drying processes, ageing, curing or general investigations, Scientific ovens provide the ideal solution for diverse thermal applications.

- Power rating @ 230V
- Available in 2 sizes
- Two point locking system for effective door sealing.
- Available in 2 model types
- All other specifications identical to the comparable single door model
- Full range of accessories available
- Supplied with 2 chrome plated shelves

Model	Internal Volume (l)	Temp variation across chamber ($\pm^{\circ}\text{C}$)	Temp variation at a point ($\pm^{\circ}\text{C}$)	External Dimensions (W x H x D)	Internal Dimensions (W x H x D)	Maximum Load per shelf (kg)	Approx Net Weight (kg)	Electrical connection (V/hz)	Power Rating (W)
223D	240	2.5	2.5	734x905x834	625x680x580	20	75	230/50	1000
224D	400	2.5	2.5	834x1005x985	725x780x755	20	116	230/50	1500

Contact



Economy Ovens

A general purpose Oven with a hydraulic thermostat control ideal for applications where accuracy is not critical.

Whether for use in simple drying processes, ageing, curing or general investigations, Scientific ovens provide the ideal solution for diverse thermal applications.

- General purpose
- Ideal for applications where lower temperature accuracy is acceptable
- Hydraulic thermostat control
- Operating temperature ambient +10 to 250°C

Model	Internal Volume (l)	Temp variation across chamber ($\pm^{\circ}\text{C}$)	Temp variation at a point ($\pm^{\circ}\text{C}$)	External Dimensions (W x H x D)	Internal Dimensions (W x H x D)	Maximum Load per shelf (kg)	Approx Net Weight (kg)	Electrical connection (V/hz)	Power Rating (W)
220	40	1.0	2.5	651x510x600	385x375x370	26	34	230/50	500
221	80	1.0	2.5	750x540x690	485x400x455	26	40	230/50	500
222	160	1.0	2.5	801x720x770	535x580x535	26	63	230/50	750
223	240	1.5	2.5	890x820x810	625x680x580	20	75	230/50	1000
224	400	1.5	2.5	990x920x985	625x680x580	20	116	230/50	1500

Contact

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Economic Industrial Ovens

A general purpose Oven with a hydraulic thermostat control ideal for Industrial Ovens. These robust and reliable industrial ovens are intended for a variety of drying and curing operations. Two model sizes are available. The 700 litre units operate on a forced draught air circulating system whilst the 1400 litre models incorporate a 3 wall system to ensure uniform temperature throughout the heated space. Each unit can be supplied in either digital or economy versions.

- Grade 304 stainless steel interior
- Fully adjustable shelf height
- Doors mounted on robust hinges for effective sealing
- Long lasting silicon door seal
- All bodies are constructed from corrosion protected mild steel with an epoxy powder coated finish
- Hydraulic safety thermostat and control circuit breakers fitted to all models
- Special purpose shelves or drying trays manufactured to customer specifications if required

Specific features economy models

- Ideal for applications where lower temperature accuracy is acceptable
- Hydraulic thermostat control
- Operating temperature ambient +10°C to 250°C

Model	Internal Volume (l)	Temp variation across chamber (\pm °C)	Temp variation at a point (\pm °C)
386	700	2.5	2.5
363	1400	2.5	2.5
388	700	2.5	2.5

Contact

Digital Industrial Ovens



A general purpose Oven with a hydraulic thermostat control ideal for Industrial Ovens. These robust and reliable industrial ovens are intended for a variety of drying and curing operations. Two model sizes are available. The 700 litre units operate on a forced draught air circulating system whilst the 1400 litre models incorporate a 3 wall system to ensure uniform temperature throughout the heated space. Each unit can be supplied in either digital or economy versions.

- Grade 304 stainless steel interior
- Fully adjustable shelf height
- Doors mounted on robust hinges for effective sealing
- Long lasting silicon door seal
- All bodies are constructed from corrosion protected mild steel with an epoxy powder coated finish
- Hydraulic safety thermostat and control circuit breakers fitted to all models

Specific features digital models

- Electronic P.I.D temperature control with digital indication of set and process value
- High accuracy pt 100 temperature sensor
- Ideal for applications where a higher degree of accuracy is required
- Multi stage heating
- 24 Hour timer
- Operating temperature ambient +7°C to 250°C

Model	Internal Volume (l)	Temp variation across chamber (\pm °C)	Temp variation at a point (\pm °C)
385	700	2.5	0.3
362	1400	2.5	0.3
387	700	2.5	0.3

- Special purpose shelves or drying trays manufactured to customer specifications if required

Contact