

Thermo Scientific Vacutherm Vacuum Ovens

Excellent heat transfer and fast heating up minimize operation time



- Ideal for drying of heat-sensitive materials, residue-free drying of intricately designed parts, elimination of oxidation associated with heat treatment and targeted recover of degassed products
- Front window with double-paned safety glass provides unique implosion protection
- Modular system allows application-specific configurations through a wide range of equipment options
- Ovens can dry up to six times faster than conventional units
- Temperature and pressure documentation is available to meet ISO 9000 and GLP/GMP requirements
- User-friendly Kelvitron™ microprocessor (jacket-heated ovens) or Digicon multi-channel controller (shelf-heated ovens)
- Analog pressure display; attainable ultimate vacuum: 0.1 mbar
- Over-temperature sensor protects oven and product – protection class I / IP20
- Stainless steel vacuum fittings, tubing and ball valve
- Interior chamber made of high-grade 1.4404 (316L) stainless steel, electropolished for smooth surface
- Inert gas connection with precision valve and overpressure safety valve precisely releases non-flammable, non-toxic gasses
- Standard DN25 access port in rear wall (20 mm)
- Jacket-heated models operate up to 200°C
- Shelf-heated versions operate up to 300 or 400°C for optimum heat transfer
- For applications with flammable solvents, ask your sales representative for our BL version with additional safety features (230V versions only)

Ordering Alerts: Not available in some countries
Certifications: CE (230V, 50 / 60Hz models) and cCSAus (120V and 208V, 60Hz models)
Warranty^Y: 2 years (parts and labor)

Cat. No.	Model	Type	Capacity	Internal Dimensions W x H x D	External Dimensions ¹ W x H x D	Rated Temp. ^{2,3}	Spatial temp. deviation ^{2,4}	Heat Output (at max. temperature)	Electrical ⁵	Weight
51014550	VT 6025	Jacket-Heating no inert gas connection	25L (0.88 cu.ft.)	300 x 275 x 307mm (11.8 x 10.8 x 12.1in.)	480 x 600 x 450 mm (18.9 x 23.6 x 17.7in.)	200°C	±4 (@200°C)	340 Wh/h	230V 50/60Hz, 1.3kW	58kg (128 lb.)
51014551	VT 6025	Jacket-Heating no inert gas connection	25L (0.88 cu.ft.)	300 x 275 x 307mm (11.8 x 10.8 x 12.1in.)	480 x 600 x 450 mm (18.9 x 23.6 x 17.7in.)	200°C	±4 (@200°C)	340 Wh/h	120V 60Hz, 1.3kW	58kg (128 lb.)
51014552	VT 6025	Jacket-Heating	25L (0.88 cu.ft.)	300 x 275 x 307mm (11.8 x 10.8 x 12.1in.)	480 x 600 x 450 mm (18.9 x 23.6 x 17.7in.)	200°C	±4 (@200°C)	340 Wh/h	230V 50/60Hz, 1.3kW	58kg (128 lb.)
51014553	VT 6025	Jacket-Heating ⁶	25L (0.88 cu.ft.)	300 x 275 x 307 mm (11.8 x 10.8 x 12.1in.)	480 x 600 x 450 mm (18.9 x 23.6 x 17.7in.)	200°C	±4 (@200°C)	340 Wh/h	230V 50/60Hz, 1.3kW	58kg (128 lb.)
51014554	VT 6025	Jacket-Heating with Digicon S ⁷	25L (0.88 cu.ft.)	300 x 275 x 307 mm (11.8 x 10.8 x 12.1in.)	480 x 600 x 450 mm (18.9 x 23.6 x 17.7in.)	200°C	±4 (@200°C)	340 Wh/h	230V 50/60Hz, 1.3kW	58kg (128 lb.)
51014539	VT 6060 M	Jacket-Heating	53L (1.87 cu.ft.)	415 x 345 x 371 mm (16.3 x 13.6 x 14.6in.)	744 x 576 x 570 mm (29.3 x 22.7 x 22.4in.)	200°C	±4 (@200°C)	540Wh/h	230V 50/60Hz, 1.7kW	82kg (181 lb.)
51014540	VT 6060 M	Jacket-Heating	53L (1.87 cu.ft.)	415 x 345 x 371 mm (16.3 x 13.6 x 14.6in.)	744 x 576 x 570 mm (29.3 x 22.7 x 22.4in.)	200°C	±4 (@200°C)	550Wh/h	120V 60Hz, 1.4kW	82kg (181 lb.)
51014542	VT 6060 P	Shelf-Heating ⁸	53L (1.87 cu.ft.)	415 x 345 x 371 mm (16.3 x 13.6 x 14.6in.)	744 x 576 x 570 mm (29.3 x 22.7 x 22.4in.)	300/400°C	±3 (@200°C) ±7 (@300°C) ±9 (@400°C)	450 Wh/h	230V 50/60Hz, 1.6kW	90kg (198 lb.)
51023263	VT 6060 P	Shelf-Heating ⁸	53L (1.87 cu.ft.)	415 x 345 x 371 mm (16.3 x 13.6 x 14.6in.)	744 x 576 x 570 mm (29.3 x 22.7 x 22.4in.)	300/400°C	±3 (@200°C) ±7 (@300°C) ±9 (@400°C)	450 Wh/h	120V 60Hz, 1.4kW	90kg (198 lb.)
51014541	VT 6130 M	Jacket-Heating	128L (4.52 cu.ft.)	495 x 489 x 529 (19.5 x 19.3 x 20.8in.)	895 x 720 x 750 mm (35.2 x 28.3 x 29.5in.)	200°C	±7 (@200°C)	870 Wh/h	230V 50/60Hz, 2.2kW	153kg (337 lb.)
51023262	VT 6130 M	Jacket-Heating	128L (4.52 cu.ft.)	495 x 489 x 529 (19.5 x 19.3 x 20.8in.)	895 x 720 x 750 mm (35.2 x 28.3 x 29.5in.)	200°C	±7 (@200°C)	870 Wh/h	208V 60Hz, 1.8kW	150kg (331 lb.)
51014543	VT 6130 P	Shelf-Heating ⁸	128L (4.52 cu.ft.)	495 x 489 x 529 mm (19.5 x 19.3 x 20.8in.)	895 x 720 x 750 mm (35.2 x 28.3 x 29.5in.)	300/400°C	±4 (@200°C) ±7 (@300°C) ±9 (@400°C)	880 Wh/h	230V 50/60Hz, 3.0kW	164kg (362 lb.)
51023264	VT 6130 P	Shelf-Heating ⁸	128L (4.52 cu.ft.)	495 x 489 x 529 mm (19.5 x 19.3 x 20.8in.)	895 x 720 x 750 mm (35.2 x 28.3 x 29.5in.)	300/400°C	±4 (@200°C) ±7 (@300°C) ±9 (@400°C)	880 Wh/h	208V 60Hz, 2.5kW	164kg (362 lb.)

¹ Depth without handle and wall distance. Dimensions: handle 70 mm, wall distance 80 mm

² The values stated apply to the empty oven and vacuum operation in acc. with DIN 12880, part 2

³ Control range M: electronic controller from TA + 15°C; control range P: electronic controller from TA + 10°C; TA = Ambient temperature

⁴ Measured on the shelves

⁵ Other voltages on request

⁶ With digital pressure display and recorder output

⁷ Digicon S: Analog temperature controller

⁸ Comes standard with Digicon multi-channel controller and rated temperature of 300°C; for 400°C: order option in addition, see next page