

Thermo Scientific Heating and Drying Ovens

Heraeus Function Line



Technical Specifications

Standard models		T 6/T 6 P	T 12/T 12 P	T 20/T 20 P	UT 6/UT 6 P	UT 12/UT 12 P	UT 20/UT 20 P
Interior volume	L	57	110	199	64	112	210
Dimensions (w x h x d)							
External dimensions ¹⁾	mm	552/700/540	696/850/540	754/910/720	552/700/540	696/850/540	754/910/720
	inch	21.7/27.6/21.3	27.4/33.5/21.3	29.7/35.8/28.3	21.7/27.6/21.3	27.4/33.5/21.3	29.7/35.8/28.3
Interior dimensions	mm	352/424/386	496/575/386	554/637/566	408/459/344	552/610/334	610/672/514
	inch	13.9/16.7/15.2	19.5/22.6/15.2	21.8/25.1/22.3	16.1/18.1/13.5	21.7/24.0/13.1	24.0/26.4/20.2
Shelves standard/max.	No.	2/10	2/15	2/17	2/9	2/14	2/16
Shelf dimensions (w/d)	mm	336/365	480/365	538/545	362/333	506/323	564/503
	inch	13.2/14.4	18.9/14.4	21.2/21.5	14.3/13.1	19.9/12.7	22.2/19.8
Operating temperature							
from T _A ²⁾ + 10 °C / + 20 °C to	°C	250	250	250	250	250	250
Temperature deviations							
at 150 °C (acc. to DIN 12880, Part 2)	± °C (spatial)	5	5	4	3	3	4
	± °C (temporal)	0.3	0.5	0.5	0.3	0.3	0.5
Heat transfer to environment	W	500	700	1000	700	850	1100
Electrical data (nominal values)							
Operating voltage ³⁾	V	230, 1/PE AC	230, 1/PE AC	230, 1/PE AC	230, 1/PE AC	230, 1/PE AC	230, 1/PE AC
Frequency	Hz	50–60	50–60	50–60	50–60	50–60	50–60
Power consumption	kW	1.22	1.82	2.22	1.27	2.32	2.32

¹⁾ Depth without handle and wall distance. Dimensions: handle 70 mm, wall distance 80 mm ²⁾ T_A = Ambient temperature : T-Models + 10 °C, UT-Models + 20 °C ³⁾ Other voltages on request.
All specifications are typical measured values for series models.

Ordering Information

Standard models		T 6	T 12	T 20	UT 6	UT 12	UT 20
230 V ⁻¹⁾	Order no.	50042293	50042303	50042309	50042297	50042305	50042311
with additional mechanical weekly program timer; 230 V ⁻¹⁾	Order no.	50045756	50045761	50045766	50045758	50045763	50045768
Programmable models		T 6 P	T 12 P	T 20 P	UT 6 P	UT 12 P	UT 20 P
230 V ⁻¹⁾	Order no.	50042294	50042304	50042310	50042298	50042306	50042312
with additional mechanical weekly program timer; 230 V ⁻¹⁾	Order no.	50045757	50045762	50045767	50045759	50045764	50045769
Accessories		T 6/T 6 P	T 12/T 12 P	T 20/T 20 P	UT 6/UT 6 P	UT 12/UT 12 P	UT 20/UT 20 P
Support frame 780 mm in height		50045045	50045046	50045047	50045045	50045046	50045047
Support frame 300 mm in height		50045049	50045050	50045051	50045049	50045050	50045051
Stacking kits		50042906	50042907	50042908	50042906	50042907	50042908
Shelf set (wire-mesh, incl. 2 supports)		50042913	50042914	50042915	50042916	50042917	50042918
Shelf set (perforated stainless steel, incl. 2 supports)		50044620	50044610	50044621	50044611	50044612	50044613
Options					T-models	UT-models	
Access ports	in the center of the corresponding wall of the inner casing top: ø 23 mm (T/UT)				50049336	50049342	
	right-hand wall: ø 18 mm (T), ø 23 mm (UT)				50049337	50049343	
	left-hand wall: ø 18 mm (T), ø 23 mm (UT)				50049338	50049344	
	top: ø 58 mm (T/UT)				50049339	50049345	
	right-hand wall: ø 53 mm (T), ø 58 mm (UT)				50049340	50049346	
	left-hand wall: ø 53 mm (T), ø 58 mm (UT)				50049341	50049347	
Manufacturer's Calibration Certificate							
	Calibration Certificate for 150 °C at center of the inner chamber				50057685	50057685	
	Calibration at additional temperature (max. 2)				50057686	50057686	
	Record of 150 °C according to DIN 12880 measuring at 27 points				50044952	50044952	
	Record of additional temperature according to DIN 12880				50057687	50057687	

¹⁾ Other voltages on request