

Духовки до 300 °С TR

Технические характеристики

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Ovens up to 300 °C, also with Safety Technology According to EN 1539

With their maximum working temperature of up to 300 °C and forced air circulation, the ovens achieve a very good temperature uniformity. They can be used for various applications such as e. g. drying, sterilizing or warm storing. Short delivery times from stock are ensured for standard models.



Oven TR 240



Oven TR 450

Standard Equipment

- Tmax 300 °C
- Working temperature range: + 20 °C above room temperature up to 300 °C
- Ovens TR 60 - TR 420 designed as tabletop models
- Ovens TR 450 - TR 1050 designed as floor standing models
- Horizontal forced air circulation results in temperature uniformity according to DIN 17052-1 better than ± 5 °C in the empty oven (with closed exhaust air flap) see page 94
- Stainless steel furnace housing, material no. 1.4016 (DIN)
- Stainless steel chamber, alloy 304 (AISI)/(DIN material no. 1.4301), rust-resistant and easy to clean
- Charging in multiple layers possible using removeable grids (number of removeable grids included, see table to the right)
- Large, wide-opening swing door, hinged on the right with quick release for models TR 60 - TR 240 and TR 450
- Double swing door with quick release for models TR 420, TR 800 and TR 1050
- Ovens TR 800 and TR 1050 equipped with transport castors
- Infinitely adjustable exhaust at the rear wall with operation from the front
- PID microprocessor control with self-diagnosis system
- Models TR .. LS: Safety technology according to EN 1539 for charges containing liquid solvents, achievable temperature uniformity ± 8 °C according to DIN 17052-1 in the empty oven (with closed exhaust air flap) see page 94
- Controller R7 (resp. C550 for TR .. LS), alternative programmable controllers see page 86

Additional Equipment

- Over-temperature limiter with adjustable cutout temperature as temperature limiter to protect the furnace and load
- Fan speed of the air circulation fan can be reduced infinitely
- Window for charge observing
- Further removeable grids with rails
- Side inlet
- Electrical rotary device with Tmax 200 °C (associated sample holder will be individually adapted to the charge)
- Exhaust air duct DN 80
- Transport castors for models TR 240 - TR 450
- Upgrading available to meet the quality requirements of AMS2750H or FDA
- Fresh-air filter to reduce dust inside the furnace



Oven TR 420



Oven TR 1050 with double door

Model	Tmax in °C	Inner dimensions in mm			Volume in l	Outer dimensions ¹ in mm			Max. connected load in kW	Electrical connection*	Weight in kg	Minutes to Tmax ²	Grids included	Grids max.	Max. total load ³
TR 60	300	450	400	350	60	700	670	720	3.3	1-phase	90	25	1	4	120
TR 60 LS	260	450	380	350	60	700	820	710	5.7	3-phase	100	20	1	4	96
TR 120	300	650	400	500	120	900	670	870	3.3	1-phase	120	45	2	7	150
TR 120 LS	260	650	380	500	120	900	820	870	6.7	3-phase	120	22	2	7	140
TR 240	300	750	560	600	240	1000	840	980	3.3	1-phase	165	60	2	8	150
TR 240 LS	260	750	540	600	240	1000	990	970	6.7	3-phase	180	32	2	8	170
TR 420	300	1300	560	600	420	1550	910	990	6.7	3-phase	250	60	2	8	200
TR 450	300	750	550	1100	450	1000	880	1480	6.7	3-phase	235	60	3	15	180
TR 450 LS	260	750	540	1100	450	1000	990	1470	13.3	3-phase	250	36	3	15	250
TR 800	300	1200	690	1000	800	1470	1070	1520	6.7	3-phase	360	80	3	10	250
TR 1050	300	1200	690	1400	1050	1470	1070	1920	10.0	3-phase	450	80	4	14	250

¹External dimensions vary when furnace is equipped with additional equipment. Dimensions on request

²In the empty and closed oven, connected to 230 V 1/N/PE resp. 400 V 3/N/PE

³Max load per layer 30 kg

*Please see page 86 for more information about supply voltage



Oven TR 60 with observation window



Extricable metal grids to load the oven in different layers



Electrical rotating device (in this case with tailored platform for PARR autoclave containers)



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