



Drying-Sterilizing Ovens TKL

Reliable Drying, Sterilizing and Warming

EHRET Drying Cabinets

The TKL series drying cabinets are designed for drying, sterilizing, and warming materials in laboratory, scientific, research, and industrial environments.

If you are looking for a customized solution, EHRET is your ideal partner. In addition to our four standard designs, we offer tailor-made special solutions according to your specific requirements.

Our drying cabinets represent reliability, durability, and the highest quality, backed by years of market experience and continuous technical development. Our dryers are standard electric-heated, forced-air units equipped with electronic temperature control.



Key Features

- ▶ **Forced Convection:** Optimized airflow for fast and uniform drying via integrated circulation fans.
- ▶ **Adjustable Venting:** Allows for the adaptation of drying parameters to suit specific process requirements.
- ▶ **Precise Control:** Electronically adjustable temperature range from +5 °C above ambient up to 300 °C.
- ▶ **Service-Friendly:** Easy maintenance thanks to the slide-in technology of the technical compartment.
- ▶ **User-Friendly:** Simple and intuitive operation of the devices.
- ▶ **High-Quality Materials:** Interior made of stainless steel 1.4301 (AISI 304).
- ▶ **Durable Shelving:** Equipped with perforated stainless-steel trays (1.4301 / AISI 304).
- ▶ **Hygienic Design:** Rounded interior corners for easy and thorough cleaning.
- ▶ **Flexible Access:** Doors available with either right-hand or left-hand hinges.
- ▶ **Adjustable Storage:** Shelves are height-adjustable in 30 mm increments and can support loads up to 30 kg.
- ▶ **Eco-Friendly:** Sustainable mineral fibre insulation and energy-efficient construction.
- ▶ **Compliance:** Safety standards and precision in accordance with DIN EN ISO / VDE.
- ▶ **Customization:** Special versions regarding dimensions, materials, colours, interior fittings, etc., are available upon request.



Technical Specifications

Model	TKL 4105	TKL 4250	TKL 4418	TKL 4878
External Dimensions WxHxD (mm)	750x784x607	850x954x799	885x1450x779	1430x1875x913
Internal Dimensions WxHxD (mm)	600x480x365	700x650x550	705x1075x550	1250x1500x571
Volume (L) approx.	105	250	418	1050
Net Weight (kg)	68	96	140	395
Shipping Dimensions WxHxD (mm)	870x970x670	1200x1110x850	970x1690x850	1550x2100x950
Gross Weight (kg) approx.	95	130	170	450
Electrical Connection (V / Hz)	230 / 50	400 / 50	400 / 50	400 / 50
Power Rating (W) Power Rating (W) + Motor (W)	2000 +100	3000 +100	4000 +100	9000 +100
Exterior Housing	Electrolytically zinc-coated steel (DC01+ZE) enamelled, light grey RAL 7035 Control panel front made of stainless steel 1.4301			
Interior incl. Perforated Trays	Stainless Steel WST 1.4301 (AISI 304)			
Number of Trays	2	2	3	4
Tray Dimensions WxD (mm) Usable Surface Area	590x325	690x510	688x519	1203x534
Max. Number of Trays	6	8	10	12
Tray Adjustment Grid (mm)	30	30	30	30
Tray Load Capacity (kg)	30	30	30	30
Max. Total Load (kg)	150	150	150	170
Insulation: K-Value (kcal/m ² h°C) at 300°C	0,89			
Spatial Temperature Deviation (measured according to DIN 12880 at 185°C)	±3,0°C ±1,0°C	±2,8°C ±0,5°C	±3,4°C ±0,5°C	±3,7°C ±0,5°C
External Door(s)	1	1	1	2

Product Specifications and Options

Model	TKL 4105	TKL 4250	TKL 4418	TKL 4878
Potential-free contact for external fault alarms	☐	☐	☐	☐
Viewing window in external door / Dimensions WxH (mm) max. 200° C	☐ 270x300	☐ 270x300	☐ 270x300	☐ 270x600
Interior lighting	☐	☐	☐	☐
Adjustable circulation fan	☐	☐	☐	☐
Electronic temperature controller with integrated timer	☒	☒	☒	☒
2-channel process/program controller with data logging function (USB/SD) with data logging function (Ethernet)	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
Safety Class according to DIN 12880:				
Temperature limiter (Class 2)	☒	☒	☒	☒
Over-temperature selector (Class 3.1)	☐	☐	☐	☐
Under-temperature selector (Class 3.2)	☐	☐	☐	☐
Exterior housing, stainless steel 1.4301 (AISI 304)	☐	☐	☐	☐
Exhaust fan / increased airflow rate	-	☐	☐	☐
Pipe bend with exhaust adapter for draft-free connection to device exhaust vents	☐	☐	☐	☐
Fixed metal base frame / stand	☐	☐	☐	-
Mobile metal base frame with 4 lockable castors	☐	☐	☐	-
4 lockable castors / mobile version	-	-	-	☐

100 Jahre excellence in the development, manufacturing, distribution, and qualification of equipment and systems for laboratory, pharmaceutical, and cleanroom technology



☒ Standard | ☐ Option | - not available

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