



Built-in Drying Ovens TKLE

Compact thermal processing in the laboratory

EHRET Built-in Drying Ovens

are standard electrically heated forced-air units equipped with electronic temperature control.

The temperature range of the EHRET built-in drying cabinet is adjustable from +5°C above ambient temperature up to +240°C.

The drying ovens are used for drying, sterilizing, and warming materials in laboratories, research, and science. The dimensions of the built-in drying cabinet are matched to standard laboratory furniture grids.

The drying ovens can be perfectly slid under a laboratory bench or permanently integrated, thus offering optimal utilization of laboratory space.



Key Features

- ▶ Forced convection with adjustable venting
- ▶ Environmentally friendly mineral fiber insulation and energy-saving design
- ▶ Rounded corners in the interior allow for easy cleaning
- ▶ Simple operation via electronic temperature control
- ▶ Mobile version with 4 castors, 2 of which are lockable
- ▶ Safety standards and precision according to DIN EN ISO / VDE
- ▶ Tested and documented quality
- ▶ Inner housing made of stainless steel 1.4301 (ANSI 304)
- ▶ Outer housing made of Steel DC01 (ST1203), stove-enameled RAL 7035
- ▶ Supplied with 2 trays made of stainless steel WST 1.4301 (ANSI 304), each with a 25 kg load capacity
- ▶ Tray dimensions 830 x 280 mm and tray adjustment grid of 30 mm
- ▶ Volume 113 L
- ▶ Net weight 70 kg

Technical Data, Equipment and Options

Model	TKLE 117
External dimensions – W×H×D (mm)	1110 × 602 × 525 mm
Internal dimensions – W×H×D (mm)	840 × 420 × 320 mm
Electrical connection (V / Hz / W)	230 / 50 / 2100
Max. total load (kg)	100
Outer door	2-flügelig
Exhaust air volume flow (m³/h)	15 m³/h
Exhaust air connection Ø (mm)	54 x 2
Spatial temperature deviations Temporal temperature fluctuations (measured at 185°C according to DIN 12880)	+2,0°C +1,0°C
Cable gland Ø 20 mm	☐
Forced convection	☒
Adjustable venting	☒
Adjustable re-circulation fan	☐
Electronic temperature control PT100, digital set/actual value	☒
Electronic Timer	☒
Process/Program controller 2-channel with recording function (USB/SD) with recording function (Ethernet)	☒ ☐ ☐
Safety class according to DIN 12880 Adjustable temperature limiter (TWB) class 2 Adjustable over-temperature controller class 3.1 Adjustable under-temperature controller class 3.2	☐ ☐ ☐
Outer housing stainless steel 1.4301	☐
Pipe bend with exhaust air adapter for connection to unit exhaust port	☐
Potential-free contact, for external fault signaling	☐