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TEMPERATURE REGULATION AND HEATING | IKA Oven 125
basic and control dry/dry glass

Oven 125 basic and control dry

/// The largest drying cabinet in its class

The models in the IKA Oven 125 dry series are powerful drying cabinets for temperature regulation, drying, ageing and heating tasks. Rapid heating and exact temperature regulation guarantee reproducible results in industrial laboratories, schools and universities, research, quality control or science. Up to 6 insertable shelves can be accommodated in the interior made of stainless steel. Aeration takes place over an electronically adjustable ventilation flap. A temperature limiter, designed according to DIN 12880 (Class 1), ensures safety. The drying cabinets can be controlled via a USB interface, and the test parameters can be displayed using software.

125 l interior

Thanks to its high quality insulation, the device has a very large interior of 125 l in relation to its total volume. This structure also reduces odour emissions and operating costs and ensures excellent temperature uniformity.





Oven 125 basic dry

Ident. No. 0020003215

The IKA Oven 125 basic with its natural air exchange is ideal for temperature applications up to 250 °C. The temperature setting takes place precisely in steps of 0.1 K. To protect your samples, the maximum target temperature can be limited using a tool.

LED Display

The modern, clearly arranged and generous display is also easy to read from a distance.

Timer

From 1 minute up to 100 days: timer of the Oven 125 basic dry guarantees scheduled and precise procedures.

Alarm

If the temperature drops, triggered by an open door for example, acoustic and visual warning signals are given.

Changeable
door hinge





Oven 125 control dry

Ident. No. 0020003990

The Oven 125 control dry recirculating air drying cabinet heats up to 300 °C. The additional temperature selection limited TWB (DIN 12880) meets the highest security requirements. Furthermore, the temperature curve can be monitored during testing independently of the safety temperature. This means that your test material is always protected.



A well thought out interior

The generously dimensioned interior of the Oven control dry is comfortably illuminated. A practical cable bushing at the rear of the device is provided as standard for measurements in the oven or in the test material. The fan switches off automatically if the door is open.

Interfaces

The Oven control dry offers an interface for an additional sensor for direct temperature regulation in the test material. Test parameters can be stored directly on a USB stick.



2 Displays

All important process parameters are displayed clearly on two large TFT displays. The temperature profiles and individual user profiles can be entered via the intuitive user interface. The real-time clock enables convenient digital documentation and a time-delayed start.



Oven 125 basic/control dry glass

Ident. No. 0020003956 / Ident. No. 0020003996

A glass door is available as an option for both the IKA Oven 125 basic and control for better monitoring of your samples.

TECHNICAL DATA	BASIC (DRY / DRY GLASS)	CONTROL (DRY / DRY GLASS)
Principle of heat transfer	Natural convection	Forced convection (fan adjustable in 10 steps)
Total volume inner chamber	125 l	125 l
Working temperature	min. Room temp. +5 °C max. 250 °C	min. Room temp. +5 °C max. 300 °C
Heat output	2,400 W	2,400 W
Temperature constancy in medium	± 0,3 K	± 0,3 K
Temperature Safety Class (DIN 12880)	TB (Class 1)	TB (Class 1); TWB (Class 2)
Cable access port	No	Yes
Interior lighting	No	Yes
PT 100 interface	No	Yes
USB interface	Yes	Yes/Data storage direct on USB stick
RS 232 interface	Nein	Yes
Changeable door hinge/ Devices stackable	Yes/Yes	Yes/Yes
Door opening angle	180°	180°
Max. number of internals	6 (6x30 kg)	6 (6x30 kg)
Real time clock	No	Yes
Timer/Counter	Yes	Yes
Scope of delivery	2 Wire trays (chrome-plated) 1 Proprietary calibration certificate (160°C)	

Additional products

If required, the following IKA devices are available for your lab to enhance tempering using the Oven 125 basic and control:

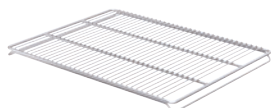


C 6000
Oxygen bomb calorimeter
Ident-Nr. 008804300



A 10 basic
Batch mill
Ident-Nr. 0004020700

Accessories Oven 125 basic and control dry



Enhanced wire tray
Loadable up to 60 kg
Ident. No. 0020007600



Stacking Frame
To stack the ovens
Ident. No. 0035001326



Base cabinet on wheels
For mobile use
Ident. No. 0020007602

Find more
accessories on
www.ika.com

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