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IKA OVEN 125 control - dry glass
/// Data Sheet

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. 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.

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

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monitored during testing independently of the safety temperature. This means that your test material is always protected.

The glass door allows for better monitoring of your samples.

A well thought out interior
The generously dimensioned interior of the Oven 125 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. Up to 6 insertable shelves can be accommodated in the interior made of stainless steel.

Interfaces
The Oven 125 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.

Two 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.

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Technical Data

Heat output [W]	2400
Working temperature [°C]	room temp. +5 - 300
Adjustable safety circuit [°C]	50 - 320
Adjustment and display resolution [K]	0.1
Temperature stability (150°C, center, standard door) [K]	±0.5
Temperature display	yes
Timer	yes
Timer display	LCD
Time setting range [min]	1 - 142560
Number of trays max.	6
Load for one tray max. [kg]	30
Operating area inner chamber [mm]	550 x 525 x 450
Total volume inner chamber [l]	125
Air outlet port diameter inside [mm]	48
Dimensions (W x H x D) [mm]	700 x 825 x 650
Weight [kg]	89
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 20
RS 232 interface	yes
USB interface	yes
Voltage [V]	220 - 240
Frequency [Hz]	50/60
Power input [W]	2500
Power input standby [W]	2