

Combi steamer Metos iCombi Pro 20-1/1 Sous Vide

Capacity 20 GN containers lengthwise, guide rail distance 65mm. The oven trolley is included in the delivery of the oven. Equipped with a Sous Vide Thermometer.

Metos iCombi® Pro 20 is an intelligent, connectable cooking system with the operating modes for poultry, meat, fish, egg dishes/desserts, side dishes/ vegetables, baked goods and finishing as well as the cooking methods roasting, cooking, baking and grilling.

Metos iCombi® Pro 20 is in accordance with DIN 18866 (in manual mode).

Suitable for most cooking processes used in commercial kitchens.

The following intelligent assistants are available:

iDensity Control iDensityControl is the intelligent climate management system in the iCombi Pro. Thanks to the interaction of sensors, high-performance heating system and live steam generator as well as its active dehumidification, the right cooking chamber climate is always available. The intelligent air turbulence ensures the best possible energy input into the food. This therefore ensures exceptional productivity with high food quality, uniformity and minimal energy consumption.

iCooking Suite The iCookingSuite is the cooking intelligence in the iCombi Pro. Initially, the user selects the cooking path from 7 operating modes and/or 4 cooking methods to suit the food. The desired cooking result is also specified by the user. The unit suggests browning and cooking degree adjustments. Intelligent sensors recognise the size, quantity and condition of the food. Depending on the cooking progress, all important cooking



parameters such as temperature, cooking chamber climate, air speed and cooking time are adjusted to the second. The desired result is achieved with the best possible quality and in the shortest possible time. If desired, you can interrupt the cooking process and adjust the cooking result. The user can switch to iProductionManager or manual mode at any time. With the iCookingSuite, time, raw products and energy can be easily saved and without extra control effort, with standardised food quality.

iProduction Manager The iProductionManager organises the production process intelligently and flexibly. This includes which products can be cooked together on different inserts, the optimal order of the dishes and the monitoring of the cooking path. The iProductionManager supports you with information on inserting or removing dishes. Depending on the cooking process, the tickets can be placed anywhere or can be aligned with a specific target time. The iProductionManager arranges the food sequence accordingly and automatically makes the correct settings. The user decides if the food is cooked in an energy-optimised or time- optimised manner. Simple monitoring activities are no longer necessary, and working time and energy are saved.

iCareSystem The iCareSystem is the intelligent cleaning and descaling system in the iCombi Pro 20. It recognises the current degree of dirt and calcification and suggests the ideal cleaning level and chemical quantity from 9 cleaning programmes. The quick interim cleaning cleans the iCombi Pro 20 in less than 15 minutes. All cleaning programmes can also run unsupervised overnight. With a low consumption of phosphate-free care products, water and energy, the iCareSystem is particularly economical and environmentally friendly. This keeps the iCombi Pro hygienically clean without any manual work and at a minimal cost.

MANUAL USE

- Steam +30°C...+130°C.
- Combination of steam and convection from +30°C...+300°C,
- Setting of humidity with precision between 0-100%
- Convection +30°C... +300°C

Intelligent functions

- Intelligent climate management with accurate moisture measurement, setting and control.
- The actual measured humidity in the cooking chamber can be set and retrieved.
- Dynamic air turbulence in the cooking chamber through 3 intelligently reversing

- high-performance fan wheels with 5 fan wheel speeds, intelligently controlled and manually programmable.
- Intelligent control of cooking paths with automatic adjustment of the cooking steps to the defined desired result, e.g. browning and degree of cooking, safely and efficiently. Regardless of the operator, the size of the food and the loading quantity.
 - Precise monitoring and calculation of browning based on the Maillard reaction, in order to reproduce optimal cooking results.
 - Interrupt intelligent cooking paths or switch from the iCookingSuite to the iProductionManager for maximum flexibility.
 - Intelligent cooking step for fermenting baked goods.
 - Individual, intuitive programming by drag-and-drop of up to 1,200 cooking programmes with up to 12 steps.
 - Easy transfer of cooking programmes to other cooking systems with secure cloud connection with ConnectedCooking or with a USB stick.
 - Automated, intelligent planning and control tool iProductionManager for the optimal organisation of several cooking processes and mixed loads. Automatic closing of planning gaps. Automatic time or energy optimisation of the planning and target time cooking, in order to start or stop cooking at the same time.
 - Automatic recommencement and optimal completion of a cooking sequence after power failures that last less than 15 minutes.
 - Intelligent cleaning system suggests cleaning programmes and required amount of care products based on the degree of dirt of the cooking system.
 - Display of the current cleaning status and the descaling status.
 - Condensation hoods with an automatic increase in the extraction power when the cooking chamber door is opened. As an option, the hoods are available pre-assembled.

Cooking functions

- Effective steam generator for optimal steam performance even at low temperatures below +100°C.
- Integrated, maintenance-free grease separation system with no additional grease filter.
- Cool-down function for fast cooling of the cooking space with selectable, additional fast cooling by means of water injection.
- Core temperature probe with 6 measuring points as well as automatic error correction in the event of false readings. Optional positioning aid for soft or very small food.
- Delta-T cooking for particularly gentle preparation with minimal cooking loss

... more details on our web pages

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Product capacity	20 x GN 1/1-40
Item width mm	877
Item depth mm	847/913
Item height mm	1807/1872
Package volume	2.039
Unit of volume	m3
Package volume	2.039 m3
Package length	108
Package width	204
Package height	101
Package unit of dimension	cm
Package dimensions (LxWxH)	108x204x101 cm
Net weight	263
Net weight	263 kg
Gross weight	300
Package weight	300 kg
Unit of weight	kg
Connection power kW	37
Fuse Size A	63
Connection voltage V	400
Number of phases	3NPE
Frequency Hz	50
Protection rating (IP)	X5
Type of electrical connection	Semifixed
Electrical conn. height mm	135
Cold water diam.	3/4"
Drain diameter	50
Floor drain needed	Yes
Hinge location	right

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GN size	1/1
Fill in trolleys	Yes
Model	iCombi Pro

User Manual SE

metos

iCombi Pro & Classic 20-1/1

