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IKA HUB

/// Data Sheet

The IKA HUB is the ideal solution for controlling laboratory devices centrally, efficiently, and wirelessly. It connects up to five IKA laboratory devices simultaneously, providing maximum clarity and an optimized laboratory workflow. You can decide whether you want to control the connected devices individually or together.

Thanks to the fast and stable wireless connection, you can connect your IKA devices within seconds and operate them wirelessly. Control your processes comfortably outside the fume hood or from your workstation. This improves workflows and increases safety in the laboratory.

Customize the layout of the user interface according to your individual requirements. Arrange devices and parameters flexibly to create a personalized and efficient working environment - ideal for complex experiments and parallel



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reactions.

The powerful 10.000 mAh battery enables mobile operation of the IKA HUB without an external power supply. Perfect for long syntheses or changing work areas.

The brilliant 7 inch touchscreen provides a clear and structured display of all important reaction parameters. Operation is intuitive, fast, and precise - even when wearing laboratory gloves. This ensures that users always maintain full control over all processes.

By centrally controlling multiple laboratory devices, you significantly increase the efficiency of your workflows. Use the timer function for automated processes and enhance the safety of your staff, your experiments, and yourself with the integrated Safe Stop.



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Technical Data

Charging time [h]	6.5
Working time [h]	12
Battery type	Lithium-Polymer
Battery capacity [mAh]	10000
Communication distance (depend on building) max. [m]	10
Touchscreen	yes
Dimensions (W x H x D) [mm]	192 x 123 x 19
Weight [kg]	0.52
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 41
USB interface	USB-C
WPAN interface	yes
WiFi Interface	yes
Voltage [V]	100 - 240
Frequency [Hz]	50/60
Power input max. [W]	15
Power input standby [W]	0.05
DC Voltage [V=]	5
Current consumption [mA]	3000
Batteries included with the product?	yes
Battery Cell Type	custom LiPo
Number of Batteries	1
Battery Weight [g]	185
How is the Battery packaged	within appliance
Battery Energy Content [Wh]	37
Battery Voltage [V]	3.7
Length power cord [mm]	2000