

IKA

designed for scientists

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NEW



The Smart Center for Safe Device Control | IKA HUB

IKA HUB

The Smart Center for Safe Device Control

IKA HUB is an innovative central control unit designed to provide safe and efficient management of laboratory devices. With the ability to connect up to five devices simultaneously, IKA HUB offers secure wireless and wired connectivity, intuitive touchscreen operation, and advanced safety features such as screen lock and Safe STOP. This ensures that every experiment is conducted with maximum protection, reliability, and ease of use, making IKA HUB the ideal solution for modern laboratory environments.

VALUE POINTS

- › Fast, safe experiment setup with a well-arranged menu
- › Instantly identify connected devices for safe monitoring
- › Customizable layouts for safe and efficient workflow
- › Save energy and reduce risks with automated standby and display dimming



Discover more about safe laboratory solutions at
www.ika.com

IKA HUB

Advanced Safety Features for Device Control

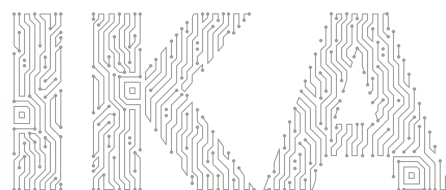


Technical data

Voltage	5 VDC
Interfaces	USB-C, Ethernet
Operating temperature	+5 ... +40 °C
Wireless	Wi-Fi 802.11b/g/n, Wireless v4.2

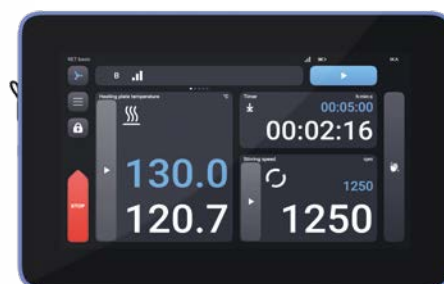
FEATURE BLOCKS

- › Device Integration & Programming: Link same-type devices, create safe conditions and programs to automate workflows.*
- › Graph & Data Visualization: Visualize experiment data and device error details for safer, faster decisions.*
- › Safe Conditions: Define safe values and connection timeouts to protect your experiment and ensure safety.
- › Timer / Counter: Global or per-function timing; start, stop, and pause with safety in mind.
- › Real Time Clock & Key Lock: Timestamp your work and prevent unintended changes for safe, traceable results.
- › Theme & Display: Choose dark/light themes and customize the main screen for safe, comfortable viewing.
- › Battery Management: Monitor battery status at a glance for safe, uninterrupted operation.



Why IKA HUB?

- › Keep control centralized and safe — reduce risk, improve repeatability, and protect your team
- › Scale from single devices to coordinated, safe setups across your lab
- › Built for everyday reliability with a simple and safe wireless connection concepts





Connect up to 5 devices simultaneously

Manage and monitor up to five IKA devices at the same time through secure wireless or cable connections. This reduces back and forth adjustments, improves workflow coordination, and keeps multi device experiments running smoothly.



Centralized HUB for safe Device Control

A single 7 inch touchscreen consolidates all device information into one clear interface. The 10,000 mAh battery supports long sessions up to 10 hours ensuring uninterrupted, centralized operation and reducing user errors during experiments.



Integrated safety features: Safe Stop & Screen Lock

Built in safety functions protect both experiments and users. Safe Stop immediately brings devices to a safe state in critical situations, while Screen Lock prevents unintended value changes, enhancing overall laboratory safety.

IKA HUB Docking Station

The IKA HUB Docking Station is designed for charging the IKA HUB while providing additional connectivity options. It also supports both wall-mount and rod-mount installations, enabling flexible laboratory setups.



Why IKA HUB Makes Your Workflow Safer and More Efficient

Feature / Workflow	Traditional Device Handling	IKA HUB – safe Device Control
Control Method	Manual adjustment on each device	Central control via HUB
Number of Devices	Controlled individually	Control up to 5 devices simultaneously
Safety Functions	Limited to device-level safety	Safe STOP, Screen Lock, safety timeouts
User Interface	Physical buttons / knobs	Intuitive touchscreen, customizable layouts
Monitoring	Must walk to each device	Real-time device overview on one screen
Automation	Usually not supported	Programmable logics & workflows*
Docking / Setup	No central management	HUB Docking Station: charging + extra ports + wall/rod fixation
Data Visibility	Often minimal	Graphs, visualization, integrated error info*

* This feature will be fully implemented with an upcoming software release planned for 2027.



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