

# IKA

designed for scientists

smart



compatible



intuitive



safe



documented



interface-compatible



flexible



future-oriented



scalable



## labworldsoft 6



## About IKA

IKA is one of the global market leaders in the field of laboratory and analysis technology, and process engineering.

IKA was founded in 1910 and currently has almost 1000 employees. The company has been awarded numerous prizes for innovation, including the German TOP 100 Innovator Award (for the fourth time).

One of the innovative IKA products is Labworldsoft 6 - the leading laboratory software available on the market for automating, measuring and controlling laboratory equipment.



An innovative company ...

An innovative product ...

One software. Endless possibilities ...

## Labworldsoft 6

Labworldsoft is a laboratory software for controlling laboratory devices, automating processes and documenting measurements and the results of your experiments. The number of methods, processes and experiments where laboratory equipment is used is endless. Due to its flexibility and extensive library of integrated laboratory equipment, Labworldsoft can provide a solution for any task. This means you can create various configurations for different applications. Labworldsoft integrates not only IKA laboratory equipment but also equipment from other manufacturers. This allows you to remain flexible in the selection of your devices and thus to benefit from the entire scope of available laboratory equipment. Labworldsoft can simultaneously network any number of laboratory devices using a PC and combines all the functionality in a single software.

Communication between the PC and the laboratory equipment is possible via various interfaces, such as RS 232, USB, Bluetooth and via network interfaces. You can open sessions in parallel and operate measurements and processes independently of each other. Benefit from reduced process times and higher productivity.

Labworldsoft permits rapid recording of numerous physical parameters, such as torque, temperature, speed, pH value etc. These can be displayed in various ways for ease of analysis and documenting, e.g. on a y/t-diagram. It is also possible to export the measurement results in different file formats. Labworldsoft combines all these functions, so you do not need any other software for your day-to-day work in the laboratory.





compatible networking ...



Automation, Flexibility, Control ...



Labworldsoft

A solution for every problem ...



controlling, regulating, measuring, documenting ...

## The whole world of the laboratory in a single software ...

Enormous library of laboratory equipment

- over 700 laboratory devices
- over 40 manufacturers
- customized implementation also available

Labworldsoft is the only laboratory software on the market that uses its large library and compatibility with manufacturer's products to combine an unrivaled number of benefits.

More than 700 laboratory devices from more than 40 manufacturers are already implemented in Labworldsoft or will be part of Labworldsoft in the future.

Is one of your devices missing from our library? No problem! As long as your laboratory device has a communication interface, we can integrate it for you.

In contrast with conventional company-specific software solutions, Labworldsoft supports laboratory equipment from all leading manufacturers. This permits a unique level of independence in the products and manufacturers used in laboratory work.

### Automation and flexibility

Any configuration of your laboratory equipment can be realized as a result of the large number of different functional modules. The interaction between the various functional modules and the laboratory equipment offers the greatest possible level of dynamism and flexibility for the continuously-changing requirements in day-to-day laboratory work. Functional modules can be used to set up time-controlled or event-controlled experiments. Make your laboratory equipment even smarter by combining it into complex systems via logical interconnections. From simple routine tasks to series of measurements or complex sequences, the most varied of automated processes can be realized in this way. We would be pleased to provide support with your projects.

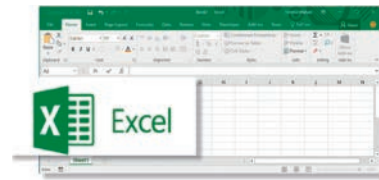
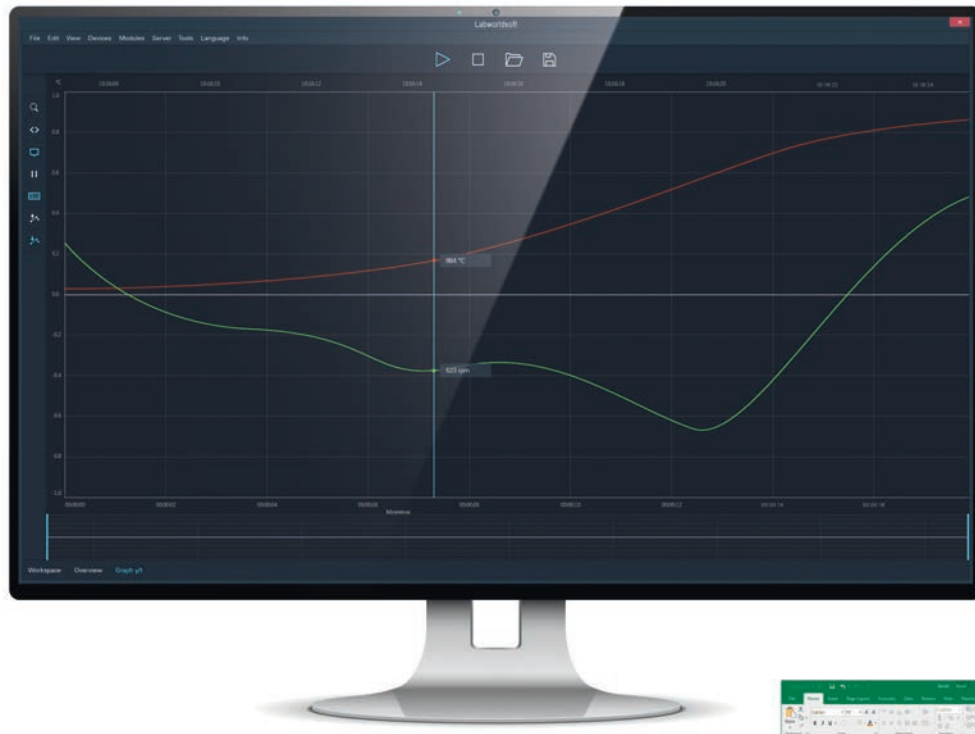
- Intuitive to use
- Rapid structuring of even complex applications
- Automation of sequences
- Control and monitoring of processes
- Reproducibility of experiments
- Control and safety

### Control and safety

With Labworldsoft you control and monitor your laboratory experiments and processes from a safe distance. You can control your measurements and monitor them from the comfort of your PC workstation, thus providing complete control of your laboratory.



## Logging the measured values



## Documentation ...

### Capture. Document. Export

Labworldsoft enables simple and fast capturing of numerous physical parameters required in the laboratory, such as the simultaneous measurement of pH-values, conductivity, temperature, torque, weight, flow rates etc. It is also possible to document all experimental set-ups in accordance with GLP, ISO and Quality Assurance, with print-outs and graphic processing.

The data gathered with Labworldsoft can be exported to standard applications. In this way, it is possible, for example, to store the measured values in a standard format during an experiment and permit ongoing processing after recording in any tabular calculation program (e.g. Excel).

Available formats:

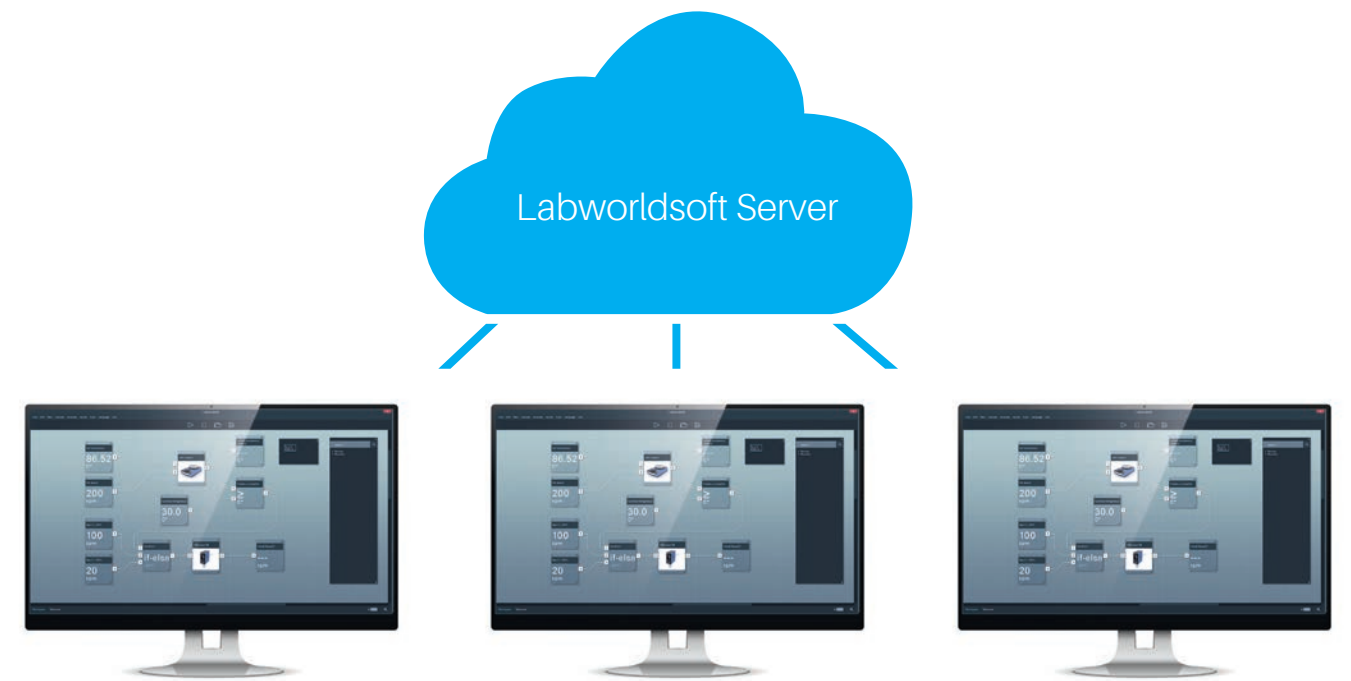
- .csv
- .xlsx
- ASCII (Labworldsoft 5 Data Format)

### Reproduce

Do you need to repeat your experimental set-ups? With Labworldsoft, you can save all your experimental set-ups. If the experiment needs to be repeated, it is available with just a couple of clicks. This guarantees the reproducibility of experiments within the framework of ISO 9000 and within GLP.



## Working in a network



## Labworldsoft 6 Server ...

### Team research

- Central storage of all configurations and measurement results in the network
- All the data are safely located in your own network
- No connection to the Internet required
- Protected from manipulation
- Rapid access from anywhere in the network
- Simple sharing of configurations
- Integrated user administration

Labworldsoft Server makes it possible for you to store generated configurations and measurement results centrally in your company network. Your data is safely stored in your own database in your own company network and not on third-party servers. Integrated user administration allows you easy and simple access to your configurations and measurement results from anywhere in your network. Manipulation of the measurement results is therefore excluded. Share your configurations and measurement results with your colleagues. Generate configurations and easily make them available to others. Your configurations are also protected from modification when doing so.





## Licenses ...

## Accessories ...

RS232-Ethernet  
Converter 4 Ports



RS232-USB  
Converter 8 Ports



RS232-USB  
Converter 4 Ports



RS232-Ethernet Converter



RS232-USB  
Converter 16 Ports



You can choose between two types of license. The **Starter** version of Labworldsoft 6 is intended for smaller configurations with up to 3 devices. You have access to all the important functional modules in Labworldsoft 6 for automating your processes and data gathering for your measured values. In the **Pro** version, you have unrestricted access to all the laboratory devices in our device library. You benefit from the full potential of Labworldsoft 6

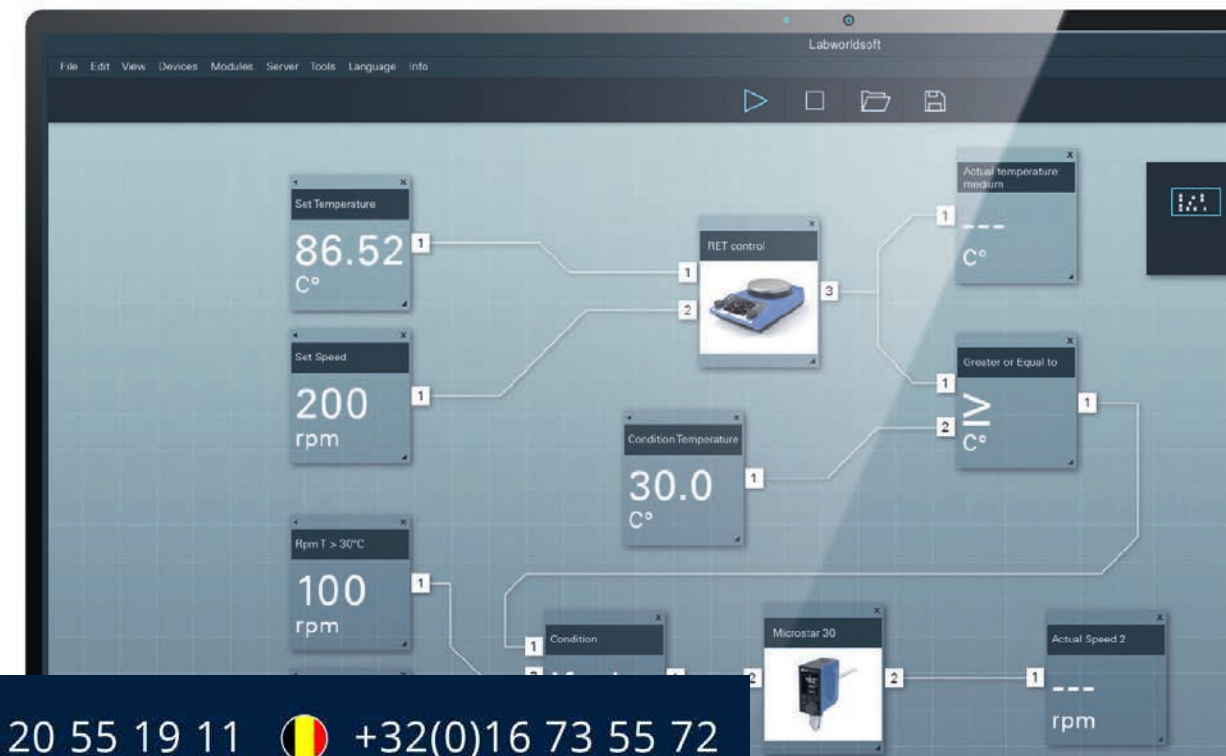
Each license is linked to a PC. All PC users can use the software. When you activate Labworldsoft you have permanent access to the software. In addition, you are allowed to use newer versions of Labworldsoft 6 for one year. If you want to use newer versions after the year has expired, you can update your license.

### Labworldsoft 6 Starter

- ✓ For small configurations with up to 3 devices.
- ✓ Up to 3 devices can be chosen from the device library
- ✓ Up to 3 devices can be controlled at the same time
- ✓ 1 year of support with new versions of Labworldsoft 6

### Labworldsoft 6 Pro

- ✓ Suitable for all configurations
- ✓ Access to the entire device library
- ✓ Any number of devices can be controlled at the same time
- ✓ Fast support
- ✓ Labworldsoft 6 Server
- ✓ 1 year of support with new versions of Labworldsoft 6



# Try it yourself ...

## Interested? Try it out!

- Download the latest version
- 30-day trial period with full functionality

Download the latest version of Labworldsoft 6. After installing and launching Labworldsoft 6 for the first time, you can trial the software for **30 days**. During this time, you have full access to all the available devices and functions offered by Labworldsoft 6. If you want to extend your trial period, or if you have any questions, you are welcome to contact us at any time.



## Hardware and software requirements

- Windows 7 / 8.1 / 10 (64-bit operating system)
- at least 8 GB RAM
- at least 10 GB free hard disk space

It is necessary to install specific device drivers for some devices. Communication interfaces can be retrofitted via adapters on the PC for specific requirements. We would be pleased to answer any technical questions you have about Labworldsoft.

## Support

Labworldsoft is intended to make your everyday work easier. We will therefore provide support with any aspect. Is one of your devices missing from our library? We will integrate it for you. Are you having difficulties configuring your system? We would be pleased to help - including on-site.

LABWORLDCONTROL - the Augmented Reality solution ...

# Ready for the future ...



## LABWORLDCONTROL

Ready for the future ...

We already taking the next step. Labworldcontrol is the Augmented Reality solution for Labworldsoft.



Labworldcontrol connects the real world with digital processing functions. All the important measurement data and setting parameters for the laboratory devices located in the field of view are projected digitally in the viewer and can be adapted and modified directly by gesture control. This allows you to check entire process chains with all the important real-time data at a glance.