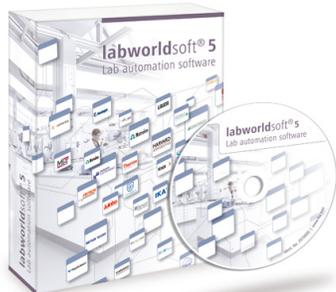# IKA®

Data Sheet
Software / Laboratory Software

labworldsoft®

labworldsoft® 5.0 offers you the most advanced multi-purpose software program for measuring, controlling and regulating your laboratory equipment. This software version allows users to network up to 64 devices simultaneously via one PC, thus making the automation of your laboratory experiments and processes much more easy and efficient. Measurements and processes may be run independently. The software not only integrates IKA laboratory devices but also supports devices from other manufacturers as well, ensuring reduced processing times and increased productivity. The communication between PC and laboratory device is performed via the serial interface RS 232 (COM1 or COM2). labworldsoft® allows for the fast recording of many physical parameters, such as torque, temperature, speed, pH, etc. These parameters can be represented on a y/t graph for easier data analysis and documentation.

 Enhanced features include:
- Multiple language support (up to 10 languages)
- More device support
- Integrated license management
- Online firmware update
- XML support for importing / exporting older configuration files
- Windows 7 support and up-to-date online help
- Various bug fixes and performance enhancements

Hardware and software requirements:
Windows 98/2000/NT/XP/7 with at least 16 MB RAM, 20 MB free hard disc memory, mouse, VGA-Display and com ports can be upgraded for special needs.

Networking, monitoring
With labworldsoft®, you can network up to 64 laboratory instruments simultaneously via one PC. From sample preparation to synthesis, all the laboratory research and development processes can be automated.

Controlling
Desired temperature and speed sequences can be precisely controlled by means of freely selectable ramp functions. The ramp functions can be graphically generated, stored, and then loaded again at any time.

Recording, evaluating
labworldsoft® enables users to a quickly record many physical parameters that are required in the laboratory, such as pH, conductivity, temperature, torque, weight, pump rates, etc.

Exporting
Data acquired in labworldsoft® can be exported into standard applications. For example, it is possible to measure the speed during a test, save the resultant data in a standard format (.txt or ASCII) and then analyze in any chart calculation, i.e. Excel.

Storing / reproducing measured data
Do your test arrangements repeat themselves?
With labworldsoft®, all test arrangements can be stored. The stored data is available to reproduce the test, at a mouse click. The reproducibility of tests is warranted within the scope of ISO 9000 and within GLP.

Technical Data	
Windows 95	yes
Windows 98	yes
Windows ME	yes
Windows NT4	yes
Windows 2000	yes
Windows XP	yes
Windows Vista	yes
Windows 7	yes
Ident. No.	0002970000

Documentation
For documentation purposes, all measuring results as well as the measurement flowcharts can be printed or plotted according to GLP, ISO and QA.

For technical support please use our European service hotline at +49-7633-831-0 or send an email to sales@ika.de.

Accessories: PCI 8.2 Plug-in card, PC 4.1 RS 232 Server, PC 1.1 Cable, PC 1.5 Cable, PC 2.3 Cable