

IKA

designed for scientists

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Innovative Laboratory Solutions
IKA SPECIALS Q4 2025

ESSENTIAL LAB EQUIPMENT FOR THE CHEMICAL INDUSTRY /// EXCLUSIVE SAVINGS

Take advantage of our time-limited offers on essential lab equipment for applications in the chemical industry. Featured solutions include magnetic stirrers and grinding systems for sample preparation, reactor systems with automated control for scalable synthesis, rotary evaporators for efficient distillation, and electrochemical systems for safe applications. All devices are designed to support accuracy, reproducibility, and compliance in chemical workflows.

Get your discounts now using the promo code "QC42025".

To take advantage of these offers, visit our website at mikrolab.dk to order online, or contact our sales team directly at ml@mikrolab.dk. The discounts are valid until December 31st, 2025.



/// AWARD-WINNING LABORATORY EQUIPMENT

Continuous innovative strength, design quality, global sense of responsibility or regional commitment – IKA receives awards for outstanding performance time and again. Entrepreneurial courage, dynamic processes and a willingness to communicate are the reasons for these successes. And they show us that commitment and perseverance always pay off!



/// APPLICATION SUPPORT

You can test all of the laboratory equipment yourself at the IKA Application Center. Our experts will analyze your samples and work with you to decide how to optimize your application. Our Application Center shows the latest laboratory equipment over an area of 400 m².

- › Equipment tests
- › Sample analysis and application recommendation
- › Customizing Center

For further information and examples of implemented product change requests, please contact applicationsupport@ika.de.

APPLICATIONS

Pre-Synthesis Sample Preparation

Challenge

- › Chemical processes often begin with solid raw materials that require uniform grinding and contamination-free handling. Ensuring consistent particle size and precise reaction control is essential for reproducibility and scalability in chemical production.

Details

Solid substances like salts, organic compounds, or plant-based materials must be finely ground to improve solubility and reaction efficiency. These powders are then processed under controlled temperature and stirring conditions to synthesize target compounds or intermediates.



Solution



Tube Mill 100 control

/// Batch Mill with Disposable Grinding Chambers

The Tube Mill 100 control grinds solid chemical materials into fine powders using disposable chambers (40 ml or 100 ml), preventing cross-contamination. With speeds up to 25,000 rpm, it ensures uniform particle size, improving solubility and reaction consistency — ideal for preparing solid precursors in chemical workflows.

Ident. No. 0020007144

12,249.00 DKK



RCT basic Synthesis Solution 250

/// Magnetic Stirrer Complete Solution

Provides precise heating (up to 310 °C) and stirring (50 – 1,500 rpm) for chemical reactions in 250 ml flasks. It enables accurate control of reaction conditions, supporting reproducible synthesis, extraction, and formulation of fine chemicals after sample preparation with the Tube Mill.

Ident. No. 0010011505

6,367.00 DKK

Precipitation reaction

Challenge

- › Precipitation reactions are often used to synthesize particles (e.g. catalysts or cathode material). The influence of various reaction parameters such as temperature, stirring speed or residence time has an enormous impact on the particle properties. Therefore, these parameters must be constantly monitored and reproducibly adjusted.

Details

To monitor and precisely control these reaction parameters becomes especially important when scaling up from laboratory experiments to industrial production, where maintaining uniformity across batches is critical. Without reliable control systems, optimizing reaction conditions and transferring processes to larger scales becomes a major challenge.



Solution



HRC 2 GREEN control

/// Refrigerated and Heating Circulator

Powerful, continuously variable pressure and suction pump with a working temperature range from -30°C to 100°C and with natural refrigerant R290. With 4 L water bath and up to 2.5 liters of thermofluid available for the external temperature control circuit without refilling.

Ident. No. 0020128746

31,054.00 DKK



EasySyn 5000 Advanced Reactor System

/// Synthesis Reactor

Precise control of all reaction parameters with jacketed reaction vessels. The same stand system can be used with reaction vessels of volumes between 100 ml and 5 L, so the influence of various reaction parameters can be analyzed optimally and reactions can be transferred from lab to process scale.

Ident. No. 0020113443

69,683.00 DKK

Free 30 day
trial available



labworldsoft® 6 Reactor

/// Laboratory Software for Reactors

Provides real-time monitoring, integrated control, and automated data logging to ensure consistent and reproducible reaction conditions during API synthesis across various reactor setups.

Ident. No. 0020117504

14,760.00 DKK

Automatic distillation

Challenge

- › Rotary evaporators are used daily in the laboratory. However, a frequent challenge arises when the evaporated solvents are not fully condensed and end up being drawn into the vacuum pump.

Details

This can lead to contamination of the pump, increased maintenance requirements, and ultimately a reduced service life of the equipment.



Solution



RV 10 auto V Starter Solution*

/// Rotary Evaporator Complete Solution

By using the RV 10 auto rotary evaporator, the distillation process is carried out by simply pressing a single button. The pressure is automatically regulated and prevents incomplete condensation in the condenser. In the event that distillation is carried out manually and solvent gets into the pump, the patented self-cleaning function of the vacuum pump ensures low-maintenance and a long service life.

Ident. No. 0010014909

56,643.00 DKK

*coated V-C version available on request – please contact your IKA representative.

Electrochemical reactions

Challenge

- › Many organic syntheses require the use of expensive or hazardous reagents, which not only drive up costs but also demand special safety measures and disposal procedures. This makes scaling and accessing modern synthesis methods more difficult – especially in research labs with limited resources.

Details

Traditional redox reactions are often based on metal compounds or other toxic chemicals. These substances are not only harmful to the environment but also challenging to handle. Finding alternative, sustainable methods is therefore a key concern in modern organic chemistry.



Solution

ElectraSyn 2.0 Package

/// Electrochemistry Kit

ElectraSyn 2.0 offers an innovative solution: using electrical energy as a reaction parameter. With ElectraSyn, researchers can perform electrochemical reactions under mild conditions – without the need for dangerous chemicals. The system enables easy, safe, and reproducible execution of electrochemical syntheses directly in the lab. This does not only improve safety but also enhances the sustainability and efficiency of the reaction process.

Ident. No. 0020008980

30,503.00 DKK



reddot award 2018
winner



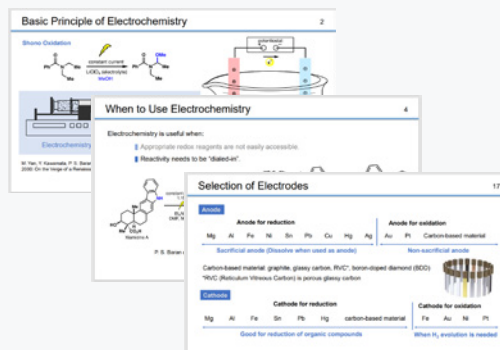
E-Chem Quick Start Guide

/// from Yu Kawamata, Scripps Research Institute



[Read now](#)

Electrochemistry:
An Old Field for A New Era



Local Highlights



MINISTAR 40 control

/// Overhead Stirrer

Ident. No. 0025001989

7,810.00 DKK

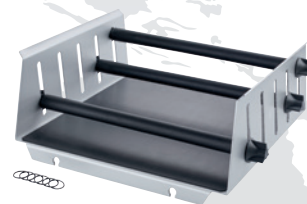


HS 260 control NOL

/// Open Reciprocating Shaker

Ident. No. 0004278600

17,136.00 DKK



AS 260.5

/// Separating Funnel Attachment

Ident. No. 0003120900

3,662.00 DKK



IKA OVEN 125 basic dry

/// Drying Oven

Ident. No. 0020003215

11,669.00 DKK



ICC 150 lite

/// Compact Immersion Circulator

Ident. No. 0020105581

4,632.00 DKK



VACSTAR lite Starter Plus Solution

/// Complete Solution with Controller and Safety Emission Condenser

Ident. No. 0010014497

14,508.00 DKK



designed for scientists

Got hazardous waste from production processes in your chemical manufacturing plant?



For safe disposal, combustion at over 1000 °C is often necessary to destroy all hazardous, toxic organic compounds. The energy content (calorific value) is crucial for assessing the quality and value of the waste. Our **oxygen bomb calorimeters** reliably determine this, even for samples with high chlorine content.

“Waste is the new coal” – but sample preparation and combustion behavior in the calorimeter can be complex. We offer customized solutions: from application consulting and the development of suitable application methods in our Application Center for your specific samples, to comprehensive operator training and seminars conducted by our IKA service technicians or qualified technicians from our distribution partners – either online or directly at your site.

Additionally, we support you with maintenance contracts, regular servicing, and pressure testing of your vessels. Our experienced service technicians accompany you throughout the entire product lifecycle – competently and personally.

More information can be found at www.ika.com/service

Available for you worldwide:



Application Consulting

Development of application solutions for your samples



Training

Comprehensive installation and operator training – available on-site or online



Maintenance

Service contracts, regular maintenance, and pressure testing



Spare Parts & Consumables

For a long service life even after repair

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Subject to technical changes and alteration of prices. Prices are valid from October 1st until December 31st 2025, excluding taxes and other sales related fees.