

# IKA

designed for scientists

**imLab**

EQUIPEMENTS SCIENTIFIQUES  
POUR LABORATOIRE & INDUSTRIE

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Innovative Laboratory Solutions  
IKA SPECIALS Q3 2025

# ESSENTIAL LAB EQUIPMENT FOR THE PHARMA AND LIFE SCIENCE INDUSTRY

## /// EXCLUSIVE SAVINGS

Discover time-limited offers on our cutting-edge laboratory equipment selected for applications in the pharmaceutical industry. Explore solutions like single-use crushing systems, reliable incubators and thermoshakers, rotational viscometers, and innovative reactor systems — all designed to streamline pharmaceutical formulation and development. Elevate your research and production with equipment built to meet the highest standards of accuracy, efficiency, and compliance.

Discover all offers at [www.imlab.eu](http://www.imlab.eu). The discounts are valid until September 30th, 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 [info@imlab.eu](mailto:info@imlab.eu)

# APPLICATIONS

## Pharmaceutical formulations

### Challenge

- › Minimize air incorporation during the homogenization of aqueous and oily phases in cream or ointment synthesis to improve product quality in R&D-scale preparations.

### Details

The synthesis of creams or ointments often involves a homogenization step in which the aqueous and oily phases are combined. As this step is often carried out in beakers in the R&D area, a high level of air is introduced into the cream during homogenization, which reduces product quality.



### Solution



**LR 1000 control System**  
/// Reactor System

With the LR 1000 control reactor system, the disperser can be permanently mounted in the lid of a reactor vessel and homogenization can take place under vacuum. In addition, the sample is stirred during homogenization so that the product is evenly distributed in the reactor vessel.

Ident. No. 0025001991  
~~€ 14,391.00~~  
**€ 12,951.90**

-10%



**T 25 easy clean digital ULTRA-TURRAX®**  
/// Disperser

Forms stable emulsions or suspensions through intense mixing of the phases and enables efficient incorporation of ingredients, ensuring uniform distribution and consistency throughout the formulation.

Ident. No. 0025002560  
~~€ 2,569.00~~  
**€ 2,183.65**

-15%

**/// S 25 KD - LR - 25 G Dispersing tool**  
Ident. No. 0025007321

~~€ 2,384.00~~  
**€ 2,026.40**

-15%



**VACSTAR control**  
/// Vacuum Pump

With a strong vacuum applied during mixing, effective defoaming can be achieved in parallel with homogenization. In addition, the reduced pressure minimizes air entrapment, leading to a smoother and higher-quality final product.

Ident. No. 0020109375  
~~€ 4,767.00~~  
**€ 4,290.30**

-10%

# API Syntheses

## Challenge

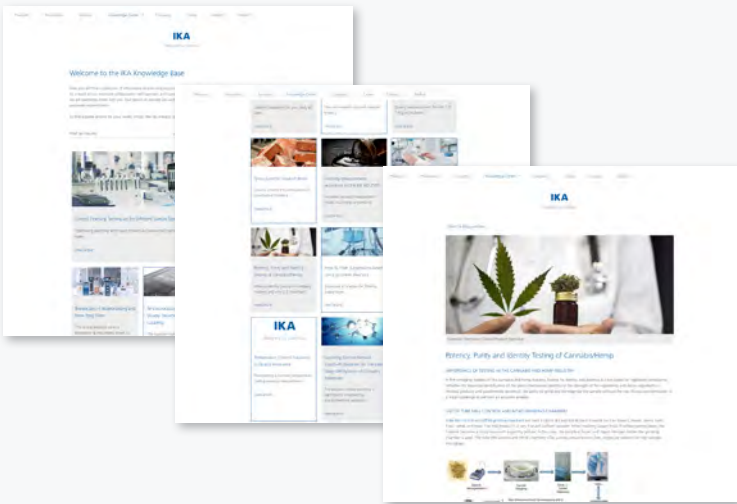
- › Ensure consistent reaction conditions when scaling up API synthesis from lab scale to larger volumes to maintain product quality and reproducibility in drug development

## Details

The synthesis of active pharmaceutical ingredients (APIs) is essential for the development of new drugs. Promising active ingredients must be transferred from a small laboratory scale to a larger scale. Consistent reaction conditions are essential in order to obtain valid results.

## Discover the IKA Knowledge Base

You will find a collection of informative articles and practical examples showcasing a variety of applications in the laboratory field.



## Solution



### CBC 5 basic

/// Refrigerated and Heating Circulator

Maintains precise temperature control from -25 °C to +200 °C, ensuring consistent reaction conditions for API synthesis. The CBC 5 guarantees uniform temperature distribution, facilitating the accurate scale-up of reactions from lab to larger volumes.

Ident. No. 0004165000  
~~€ 5,963.00~~  
**€ 5,068.55**

-15%



### 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 scale-up across various reactor setups.

Ident. No. 0020117504  
~~€ 2,624.00~~  
**€ 2,230.40**

-15%



### EasySyn 5000 Advanced Reactor system

/// Synthesis Reactor

By using jacketed reaction vessels, the EasySyn reactor systems enable precise control of all reaction parameters. The same stand system can be used with reaction vessels of volumes between 100 ml and 5 L. This means that the influence of various reaction parameters can be analyzed optimally and reactions can be transferred from laboratory to process scale.

Ident. No. 0020113443  
~~€ 12,388.00~~  
**€ 11,768.60**

-5%



EasySyn Configurator

Configure your own  
Reactor System:

Contactez-nous



# Crushing and dissolving of tablets for subsequent analysis

## Challenge

- › Optimize tablet crushing and dissolution processes to ensure efficient sample preparation while minimizing cross-contamination, reducing cleaning effort, and handling small sample quantities with precision in accordance with pharmacopoeia test requirements.

## Details

Many standardized test procedures in the pharmaceutical industry, such as the pharmacopoeia tests described in official compendia (United States Pharmacopoeia (USP 905), European Pharmacopoeia (PhEur 2.9.40), etc.), require the crushing and dissolution of tablets as a first step before further analysis. The challenges in sample preparation include the avoidance of cross-contamination between sample batches, time-consuming cleaning and the often small sample quantities.



## Solution

### UTTD control Pharma Solution

/// Dispersing System

Enables fast, precise, and contamination-free tablet crushing and dissolution, reducing cleaning time and ensuring reproducible results for small sample quantities in compliance with pharmacopoeia standards.

Ident. No. 0010013297  
~~€ 1,692.00~~  
**€ 1,522.80**

-10%



## Local Highlights



**Tube Mill 100 con. Pharma Solution**  
/// Batch Mill with disposable chambers

Ident. No. 0010013309  
~~€ 2,623.00~~  
**€ 2,229.55**

-15%



**KS 4000 ic control**  
/// Incubator Shaker

Ident. No. 0003510100  
~~€ 8,796.00~~  
**€ 7,476.60**

-15%



**MATRIX Orbital Delta Plus**  
/// Thermoshaker

Ident. No. 0010006853  
~~€ 2,756.00~~  
**€ 2,204.80**

-20%



**INC 125 FS digital (SP20)**  
/// Incubator shaker

Ident. No. 0020117221  
~~€ 5,501.00~~  
**€ 4.400,80**

-20%



**ROTAVISC hi-vi I HELI Complete**  
/// Viscometer with electrical stand

Ident. No. 0010013745  
~~€ 4,016.00~~  
**€ 3,212.80**

-20%



**HABITAT Research**  
/// Benchtop Bioreactor, Photobioreactor and Fermenter in one

Ident. No. 0010007533  
**Price on request**