

IKA



PRODUCT OVERVIEW^{EN}

German technology since 1910



THE VERY BEST FOR YOUR RESEARCH



According to a study by the University of St. Gallen, IKA can officially call itself "World Market Leader". This award encourages us to keep striving for both the best and the smartest technology.

INNOVATION

IKA develops and manufactures state-of-the-art solutions. To make our customers' work even more successful, we combine the latest technology with innovative design.

SAFETY

One of our top priorities is keeping the users of our laboratory equipment safe. That is why all our products meet the highest safety standards, are CE certified and comply with the requirements of common standards.

RELIABILITY

Our dedicated team of engineers provides technical service worldwide. This includes repair, calibration, on-site installation, device qualification and much more.



milliliter volumes



T10



T18



magic PLANT

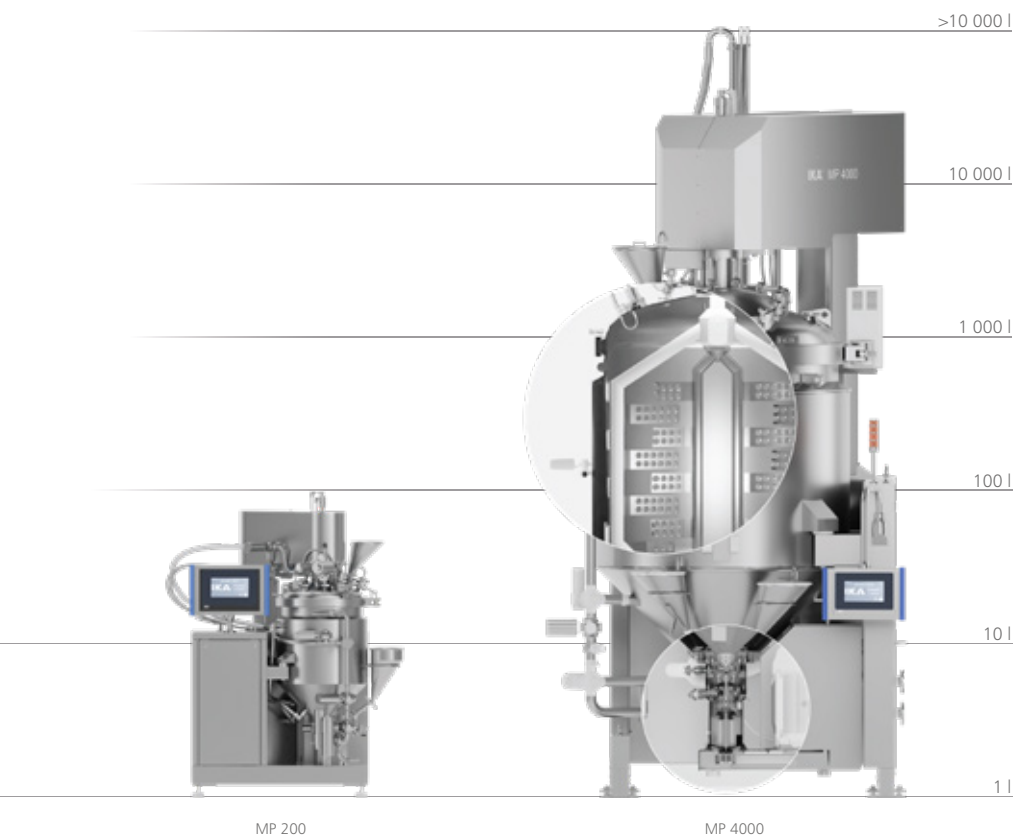


Master Plant MP 10



FROM LAB TO PRODUCTION WE SCALE WITH YOU

Whether you are developing new formulations or producing at full industrial scale, IKA provides precision-engineered solutions for every step of your process.



MAGNETIC STIRRERS

Mixing brought to a new level

MIXSTER

Universal mixing drive



reddot winner 2022



RT

Heating with stirring
5-15 positions



RCT/RET

Heating with stirring
Aluminum alloy / with
ceramic coating



MIXING



OVERHEAD STIRRERS

From light to challenging stirring tasks

Stirring element



THERMOSHAKERS

Mixing, heating, cooling,
or all at once?



INCUBATORS AND INCUBATOR SHAKERS

Shaking at all levels and
temperatures

CRUSHING

DISPERSERS

Enable the best possible results



reddot winner 2024



MILLS AND BLENDERS

From coarse to fine crushing



TUBE MILL

Fast grinding without the risk of cross-contamination



MEASURING VISCOSITY

VISCOMETERS

Stepless measurement
of viscosities



MEASURING STIRRERS

Display viscosity throughout the
product development process



ACCURATE TEMPERATURE CONTROL WITH VISCOMETERS

ROTA VISC viscometer with
the CBC VISC lite heating
and cooling bath circulator



SILICON OIL

For checking the measuring accuracy
of your viscometer

VACUUM PUMPS

Powerful, resistant to chemicals and low-maintenance



VACUUM CONTROLLER

For a two-point calibration of multiple vacuum sources



VSE 1

Enhanced safety: The VSE 1 emission condenser ensures safety of users from escaping solvent vapors and at the same time keeps the ambient air clean

TEMPERING CHAMBERS

Optimal conditions for tempering, drying, aging and heating application in the laboratory.



DRY BLOCK HEATERS

Various interchangeable heating blocks

TEMPERATURE CONTROL

Covering temperatures from -30 °C to 250 °C



HEATING BATHS

Universally suitable for use with oil or water

SEPARATION

CENTRIFUGES

Separating substances
at rotational speeds



ROTARY EVAPORATORS

Advantages

- Best-in-class cooling surface of 1500 cm² with the option to upgrade up to 3000 cm² allows for a particularly fast distilling process
- Ergonomic design for easy handling
- State-of-the-art safety features to protect sample and user
- Patented volume-controlled distillation for especially accurate results
- Automatic boiling point detection - simply switch on the device and press start



LIQUID HANDLING

SINGLE CHANNEL PIPETTES

Ergonomic feel combined with uncompromising precise performance



MULTI CHANNEL PIPETTES

Precise performance times 8 or 12



IKA PEN

The ultra-slim electronic pipette



We offer attractive calibration packages for all models of our IKA PETTE series: Standard, GLP / Pharma, DAKKS

REACTOR SYSTEMS



SYNTHESIS REACTORS

Optimized for organic or aqueous syntheses

HIGH VISCOSITY REACTORS

For the optimization and reproduction of chemical reactions, mixing, dispersing and homogenizing processes



TAILORED SOLUTIONS

You need a different configuration? We will be happy to put together an individual package tailored to your needs. You have the choice between different glass reactors, stirrers, stirring tools, vacuum pumps or degrees of automation. Further information on technical data and accessories can be found at www.ika.com

CALORIMETRY

CALORIMETERS

Market leaders when it comes to determining calorific values



FIELDS OF APPLICATION

Calorific values play a role in a diverse range of industries. Our product portfolio is ideally oriented for calorific value determination in the following fields of application:



Coal and Coke / Power Plants

Anthracite coal
Hard coal
Brown coal
Bituminous coal
Coke



Waste Management / Recycling

Tetra-pack
PVC powder
Printed circuit board
Lacquer
Waste solvent



Food

Noodles
Dried fruit
Fish
Milk
Chocolate
Cheese



Universities and Research Institutes

Teaching thermodynamics
Enthalpy studies
Airplane covering
Ecological studies



Cement

Coke
Tires
Animal flour
Mixed waste material



Petroleum

Jet fuel
Kerosene
Liquid fuels
Gasoline
Oil
Bio-fuels



Agriculture (Fodder)

Forage crops
Fodder for cats, dogs, cows, sheep, pigs, chicken
Animal urine and droppings



Construction and Building Materials

Fleece
Insulation material
Styrofoam
Mortar
Rock wool



Biomass

Wood
Wood pellets
Saw dust
Grass
Corn
Bio-fuels



C 6040 CALWIN

For calorimeter control and monitoring as well as for evaluating results

LABWORLDSOFT® 6

Software to control lab devices, automate processes and document measurements



ELECTROCHEMISTRY

ELECTRASYN 2.0

3 devices in 1: potentiostat //
analytical device // stir plate



reddot award 2018
winner industrial design

SCREENING SYSTEM

Electrosynthesis in multibatch mode



BIOPROCESSING

HABITAT BIOREACTOR

Bioreactor, photobioreactor,
fermenter



PROCESSING
EQUIPMENT



COMPACT MIXING PLANT XPP

The compact, easy-to-use XPP plant delivers high-solids products quickly by efficiently and homogeneously mixing powders and liquids via an integrated CMX inline mixer.



STANDARD PLANT SPP

The approved "Standard Production Plant" (SPP) is the IKA solution for the production of emulsions and suspensions in many areas of application.



DISPAX-REACTOR DR

The IKA DISPAX-REACTOR® DR 2000 is a three-stage high shear inline dispersing machine used for the production of very fine emulsions and suspensions.



SOLID-LIQUID MIXERS

CMX

The CMX 2000 inline mixer incorporates powders into liquids and mixes these materials reliably and consistently in a batch process.



IKA WORLDWIDE SERVICE

IKA is dedicated to providing comprehensive support to our customers through a range of professional services. From installation and training to maintenance and calibration, our global network of service centers ensures optimal performance and longevity of IKA equipment. We also offer personalized consultation, application support, and swift technical assistance to keep your laboratory running smoothly and efficiently.

Application consulting

In the IKA Application Center it is possible to test all laboratory devices yourself. Our experts analyze your processes and work with you to find out how your application can be optimized.

Device testing

The application team provides support for individual testing of devices and processes.

Sample analysis and application proposal

For submitted samples, you will receive specific application advice within two business days.

Customizing Center

If there is no suitable solution for your purpose in our portfolio, we will work out one for you. Our website provides examples of already implemented applications.



Calibration service

IKA stands for quality, safety and accuracy in laboratory and analytical technology. On request, we calibrate your laboratory equipment and document measurement and reference values under specially defined conditions.

INNOVATION & AWARDS

IKA's innovative strength is internationally recognized. In 2026, the company was awarded the WirtschaftsWoche "World Market Leader Champion" for the sixth consecutive year. IKA Staufen was also recognized as a TOP 100 Innovator in 2021, highlighting its position among Germany's most innovative medium-sized companies. In addition, IKA has received several awards for its commitment to social responsibility and sustainability.





designed for scientists

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newsletter

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Subject to
technical changes



IKAworlwide//#lookattheblue