

IKA

designed for scientists

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LAB PILOTS | SCALE-UP

LAB PILOTS

/// Scale-up

IKA's pilot scale products are the ideal solution for scaling up your processes.

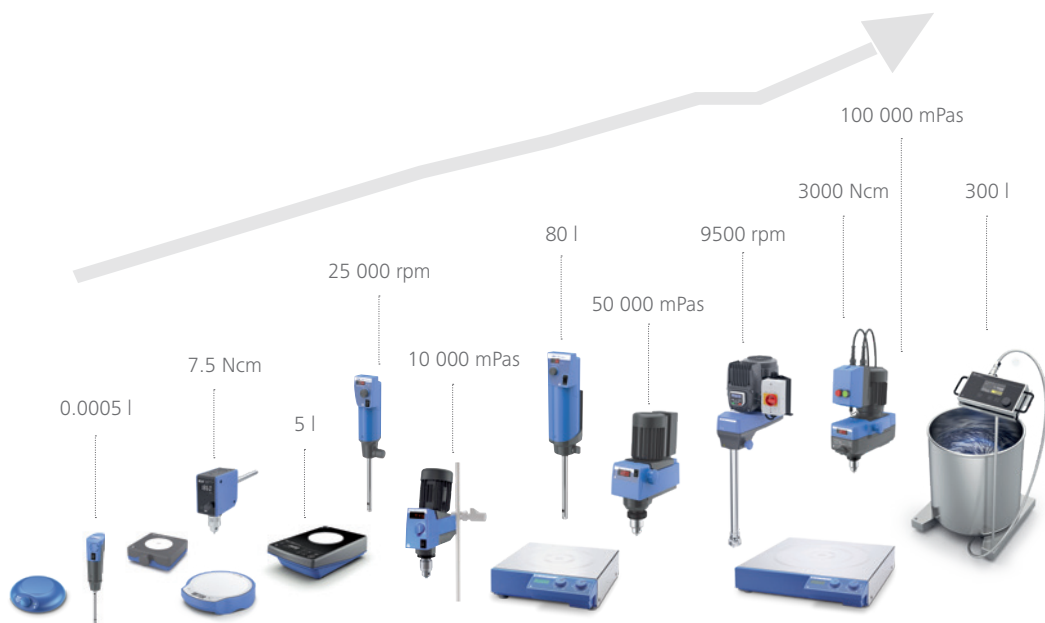
When transitioning your formulation from laboratory to production, reliable pilot products are crucial for success. However, maintaining consistent results during the scale-up process can be challenging. Reproducibility becomes a genuine concern. This is where IKA steps in. Our expertise spans various industries, including pharmaceuticals, cosmetics, chemicals, paints and more.

Ready to take your production capabilities to the next level?
Visit our website at www.ika.com/lab-pilots

Unsure which device is best for you? Contact our application specialists in the lab for a free application consultation!
applicationsupport@ika.de



SCAN HERE



/// Dispersers

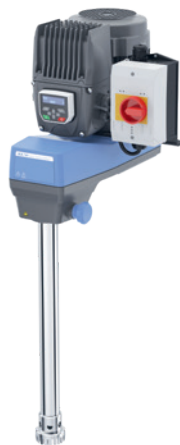
Our pilot scale dispersers are ideal for emulsification, homogenization, dissolving, powder incorporation and deagglomeration and can handle low viscosity media up to 5000 mPas in solid-liquid and liquid-liquid mixtures. This makes them suitable for numerous industries such as chemical, food, pharmaceutical and cosmetics.



T 50 digital
ULTRA-TURRAX®

Volume range (H₂O): 0.25 – 30 l
Viscosity max.: 5000 mPas

Ident. No. 0003787000

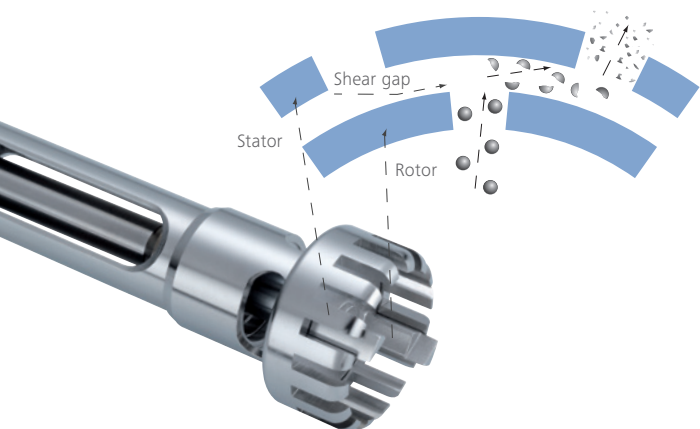


T 65 digital
ULTRA-TURRAX®

Volume range (H₂O): 2 – 50 l
Viscosity max.: 5000 mPas

Ident. No. 0004234500

Dispersing tools



SCAN FOR
MORE DETAILS

/// Magnetic Stirrers

Get the perfect mix with our pilot scale magnetic stirrers. Ideal for applications like vaccine mixing, battery production, and biologics and biopharmaceutical manufacturing, our stirrers come with specialized accessories like large stirring bars and a trolley for easy transport.



MIDI MR 1 digital | MAXI MR 1 digital

Stirring quantity max. (H₂O): 50 | 150 l

Powerful magnetic stirrers with a flat and sturdy stainless steel casing.
Magnetic stirring bar IKAFLON 50 included.

Ident. No. 0025002968 | 0025002968



I-MAG Industry stirrer

Stirring quantity max. (H₂O): 50 / 150 / 300 l

Made from stainless steel, I-MAG meets the highest compliance requirements and is therefore ideally suited for the pharmaceutical industry.

Ident. No. 0020014226

Accessories for magnetic stirrers



IKAFLOX 90 slide

Magnetic stirring bar for reduction of friction and better concentricity on uneven vessel bottoms.

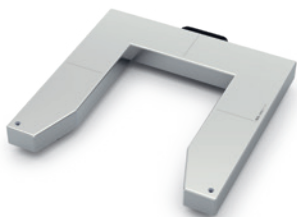
Ident. No. 0020102963



IKAFLOX 118 float

Floating magnetic stirring drive for powerful stirring and wear-free mixing in large vessels.

Ident. No. 0020100638



I-MAG SP 150 | SP 300

Stainless steel extension frame for I-MAG to extend the footprint and load capacity. For barrels up to 150 | 300 liters.

Ident. No. 0020102994 |
0020102996



I-MAG cart

Transport trolley and platform for I-MAG. For barrels up to 300 liters.

Ident. No. 0025008091



SCAN FOR
MORE DETAILS

/// Overhead Stirrers

Our pilot scale overhead stirrers will simplify your mixing upscaling process and enhance your results. These stirrers are capable of handling your daily mixing needs with ease, including gentle mixing, fast dissolution, improved heat exchange, and thickening solutions.



RW 28 digital

Stirring quantity max. (H₂O): 80 l
Viscosity max.: 50 000 mPas

Powerful, mechanically controlled laboratory stirrer designed for highly viscous applications for quantities up to 80 l (H₂O).

Ident. No. 0005040000



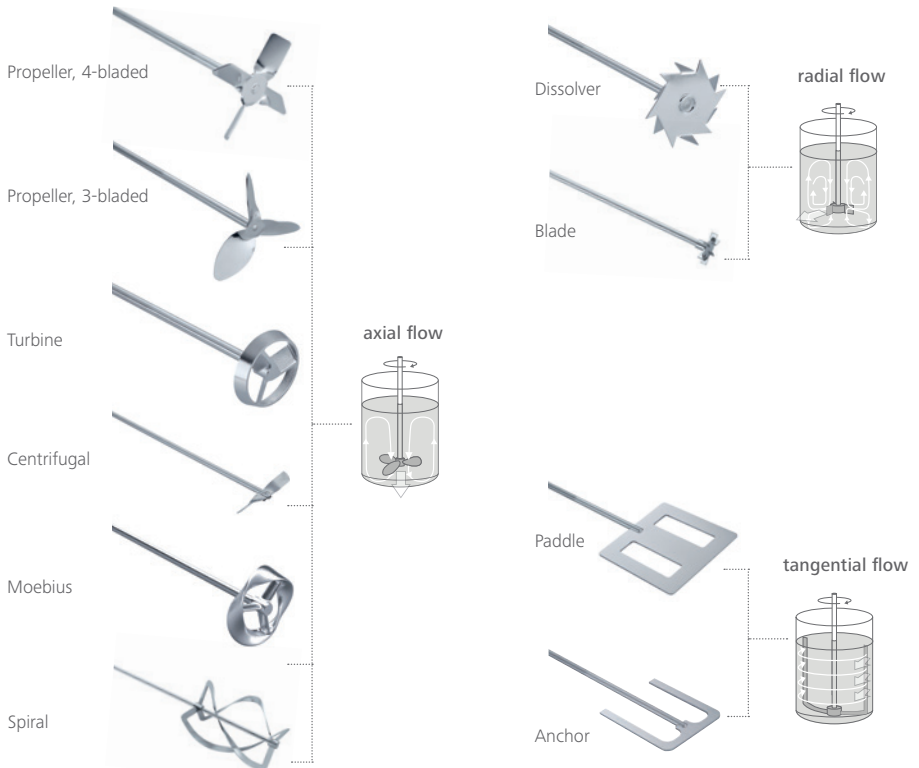
RW 47 digital

Stirring quantity max. (H₂O): 200 l
Viscosity max.: 100 000 mPas

Extremely powerful, mechanically controlled laboratory stirrer designed for highly viscous applications for quantities up to 200 l (H₂O). It is suitable for intensive mixing for use in laboratories and test centers.

Ident. No. 0004050000

Stirring tools



Stands



SCAN FOR
MORE DETAILS

FROM LAB TO PRODUCTION

IKA offers a one-stop, smooth transition of formulations and technologies from laboratory to large-scale production. Results acquired in the laboratory, translate from process and recipe development to production scale in a consistently reliable manner.

To explore IKA's cutting-edge process technology solutions, visit www.ikaprocess.com

IKA magic LAB

The tiny, yet powerful inline laboratory dispersing machine, is designed for mixing, dispersing and wet milling. It can also be converted for batch operation with a 1 to 2 liter capacity.



IKA Process Pilot 2000/04

Pilot scale inline dispersing machine with mechanical seal. Suitable for working under vacuum/pressure and at high temperatures.



IKA magic PLANT

The most versatile laboratory reactor with a 2-liter vessel and an agitator for mixing and homogenizing liquids and pastes.

IKA Master Plant

IKA's homogenizing and emulsifying Master Plant is available for useful volumes from 10 to 4,000 liters.

IKA-Werke GmbH & Co. KG

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www.ika.com



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