

**RESEARCH  
MADE EASY**  
**SOLUTIONS  
OVERVIEW**

# YOU

THE RESEARCHER  
*The center of what we do*

## CONSULTATION

Helping & Advising on solutions tailored to your research with application support, demonstrations & trials.



## PREMIUM QUALITY

Product quality assurance through CE certifications, an average ten-year life span, & comprehensive three-year warranty.

## INSTALL & TRAINING

Helping you become more familiar with your new product with on-board training & ensuring your product remains at peak performance with check-ins & health days.

## SERVICE SUPPORT

Service team provides yearly preventative maintenance, troubleshooting support, off & on site repairs & loaners to prevent downtime in the lab.



# SOLUTION LEVELS

Heidolph offers a wide range of premium laboratory equipment for a variety of laboratory applications. We offer 3 levels to support the needs of your laboratory: Core, Expert and Ultimate.

## CORE

THE LABORATORY ESSENTIAL



EVAPORATORS



SHAKERS



MAGNETIC STIRRERS



OVERHEAD STIRRERS



PERISTALTIC PUMPS

PRECISION ●●●●●

QUALITY ●●●●●

CONTROL OF PARAMETERS ●●○○○

## EXPERT

ELEVATED PRODUCTIVITY



EVAPORATORS



MAGNETIC STIRRERS



OVERHEAD STIRRERS



PERISTALTIC PUMPS

PRECISION ●●●●●

QUALITY ●●●●●

CONTROL OF PARAMETERS ●●●○○

## ULTIMATE

CONNECTIVITY AND CONTROL



EVAPORATORS



MAGNETIC STIRRERS



OVERHEAD STIRRERS



PERISTALTIC PUMPS

PRECISION ●●●●●

QUALITY ●●●●●

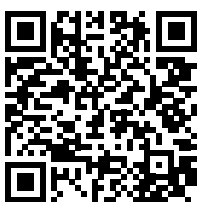
CONTROL OF PARAMETERS ●●●●●



# EVAPORATION

Hei-VAP rotary evaporators represent a cutting-edge solution for efficient solvent evaporation in laboratory and industrial settings. These versatile devices are designed to simplify the separation of solvents from sample compounds while maintaining precise temperature control and vacuum levels. The Hei-VAP excels in a wide range of applications, from routine distillations to more complex processes like reflux reactions, crystallization, and concentration of solutions.

## Hei-VAP BENCHTOP ROTARY EVAPORATORS



Scan here to learn more about Hei-VAP Benchtop rotary evaporators



CE Certified



3 Year Warranty



Energy Efficiency



Safety



Sustainability



\* A subsequent upgrade is possible: simply connect the "plug and play" control box and enjoy all benefits.

	CORE	EXPERT	ULTIMATE	EXPERT/ULTIMATE CONTROL
Digital Display set/ actual bath temp and rotation speed	✓	✓	✓	✓
Timer		✓	✓	✓
Max. temperature limitation		✓	✓	✓
Solvent Library				✓
Integrated control of vacuum pump and chiller				✓



# CONTINUOUS DISTILLATION

Hei-VOLUME DISTIMATIC PRO  
Automatic Module for Benchtop and Industrial Evaporator

Saves time. Increases throughput. Reduces costs.

# THE COMPLETE PACKAGE

With Heidolph, look no further for your vacuum pump and chiller needs. All components are technically designed to function perfectly together.



## VACUUM PUMPS

RPM or Valve regulated pump options to fully optimize your evaporation

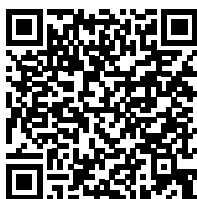


## CHILLERS

Ideal thermostat range to quickly and accurately get down to optimal cooling temperatures for benchtop and industrial evaporation.

## Hei-VAP INDUSTRIAL ROTARY EVAPORATORS

Perfectly designed for a great deal of different distilling processes, from standard evaporation without vacuum control up to complex distillation processes with vacuum control.



Scan here to learn more about Hei-VAP Industrial rotary evaporators



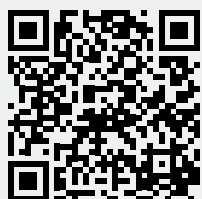
VACUUM PUMP

Hei-VAP INDUSTRIAL

SPACE SAVING BASE CART CHILLER



In combination with the corresponding evaporator system, the Hei-VOLUME Distimatic Pro automatic module enables efficient, unattended feeding and emptying of the system around the clock. Maximize your investment significantly: Affordable and more flexible alternative to common 50 or 100-liter evaporators when used with the Hei-VAP Industrial.



Scan here to learn more about Hei-VOLUME Distimatic Pro



# STIRRING & HEATING

## MAGNETIC STIRRERS

Backed by **Heidolph's exclusive 10 year warranty**, the Hei-PLATE Mix 'n' Heat hotplates offer industry leading safety, accuracy and efficiency for all your applications.



CE  
Certified



Energy  
Efficiency



Safety



Sustainability



10  
Year Warranty



### HEAT-ON-BLOCK

Safety for your laboratory

Replace the heating baths and heating mantles in your laboratory and reduce the risk of fire and burns.

### E-LIFT

Electronic lab jack e-Lift to provide extra safety in case of an error and to realize automated reactions.

Compatible & controlled with Hei-PLATE Mix 'n' Heat Ultimate magnetic stirrer.

### STARFISH

Multi-reaction block allows you to process numerous reactions on a small footprint at significantly reduced process times.



### FINDER

Waterless Condenser that utilizes air instead of water providing safety and sustainability for your laboratory.



3  
Year  
Warranty

Scan here to learn more about Hei-PLATE Mix 'n' Heat hotplates and accessories



### UNIQUE KERA-DISK®

The 145mm Kera-Disk® plate combines ceramic for chemical resistance with aluminum for rapid heat-up, optimizing processes with superior thermal conductivity and durability.



### DIE-CAST HOUSING

The fire-resistant die-cast housing prevents damage to inner components, providing outstanding protection against heat, chemicals, and falls.



### SAFETY CIRCUITS

With two independent safety circuits, the heating function shuts off in case of overtemperature, minimizing the risk of accidents or fires.



## OVERHEAD STIRRERS

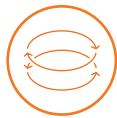
Small but Fierce, Hei-TORQUE overhead stirrers offer an all-purpose stirrer that provides the best mixing results even for very challenging applications.

Choose from our Core, Expert, and Ultimate models to find the torque that best suits your application.



### QUICK CHUCK

The Integrated Quick Chuck allows for one-handed stirring blade changes without any tools, saving both time and costs.



### EFFICIENT MIXING

The ability to change direction enhances mixing for suspensions or dissolving, ultimately saving time in Ultimate 100 and 200 models.



### MINIMUM NOISE

Newest motor generation for maximum power at minimum noise level - below 55 dB(a)



### START & STOP

The Start/Stop Button prevents unintentional device activation, ensuring safety.



### SAFETY SETTINGS

Safety settings, including start speed and torque limit, are maintained within specific limits to prevent spilling when starting the Hei-TORQUE.



Scan here to learn more about Hei-TORQUE overhead stirrers



# VORTEXING & SHAKING

The Hei-SHAKE line offers 6 different movements for all of your applications: **orbital, vibrating, 3D, rocking, reciprocating and overhead.**



## PLATFORM SHAKERS

Platform shakers with various movement types and weight capacity



## VORTEXERS

Whether it's for solubilizing solids, resuspending of cell pellets, or simply mixing individual samples in test tubes, a vortexer always plays a central role in every laboratory



## OVERHEAD SHAKERS

Overhead shakers are suitable for various applications, offering the ability to evenly mix and distribute contents.

Scan here to learn more about the Hei-SHAKE line



## INCUBATOR 1000

Seamlessly integrate your 1000 series shaker with Heidolph's modular Incubator 1000, allowing for simultaneous tempering and optimized lab space.



## HEIDOLPH FAVORITE TITRAMAX

The Titramax 1000 serves as Heidolph's flagship vibrating platform shaker. With a shaking diameter (orbit) of 1.5 mm and speeds up to 1,350 rpm, it accommodates various applications, from ELISA to biologics sample processing. Featuring a timer and capable of holding **six multi-well plates**, it facilitates high sample throughput. Its standard grooved rubber mat simplifies plate loading and removal. Moreover, seamless integration with a modular incubator system enables temperature-controlled procedures.



### OVERHEAT PROTECTION

Over-temperature sensor shuts off the drive in a dangerous heat-up situation



### EFFICIENT SHAKING

Non-skid rubber mats reduce the risk of vessels sliding allowing shaking of different samples without the need to change the attachment



### HEATING CABINET CAPABILITY

Models available for use in heating cabinet. All units can be used in 5 -31°C at 80% humidity 32 - 40°C decreasing linearly up to max 50% relative humidity



# LIQUID HANDLING



## HEI-FLOW PERISTALTIC PUMPS

Efficient pumping and precise dosing, even using corrosive, sterile and viscous media



3 Year Warranty



Safety



### Mix and Match: Achieve your desired flow rate by:

1. Select the pump drive for individual requirements (Core, Expert, Ultimate) for volume transfer or precise dosing, analog or digital remote control.
2. Select the pump head for individual requirements (single or multi-channel for individual applications)
3. Choose tubing for your desired flow rate and medium



### MODULAR SYSTEM

Multiple choice of different pump heads (single or multi-channel, different number of rollers) for easily adapting to your individual application.



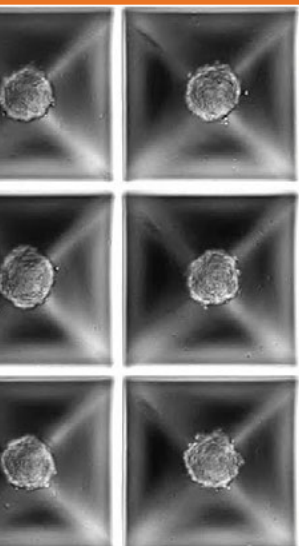
### LONG-TERM DURABILITY

Long term durability means that your Hei-FLOW Peristaltic pump will last through all of your research without needing to be replaced.



### ISOLATED MEDIA

Pumped media never comes in contact with the pump head, pump drive, or the user eliminating the chance of cross-contamination and very easy to clean by simple tube replacement.



# CELL CULTIVATION

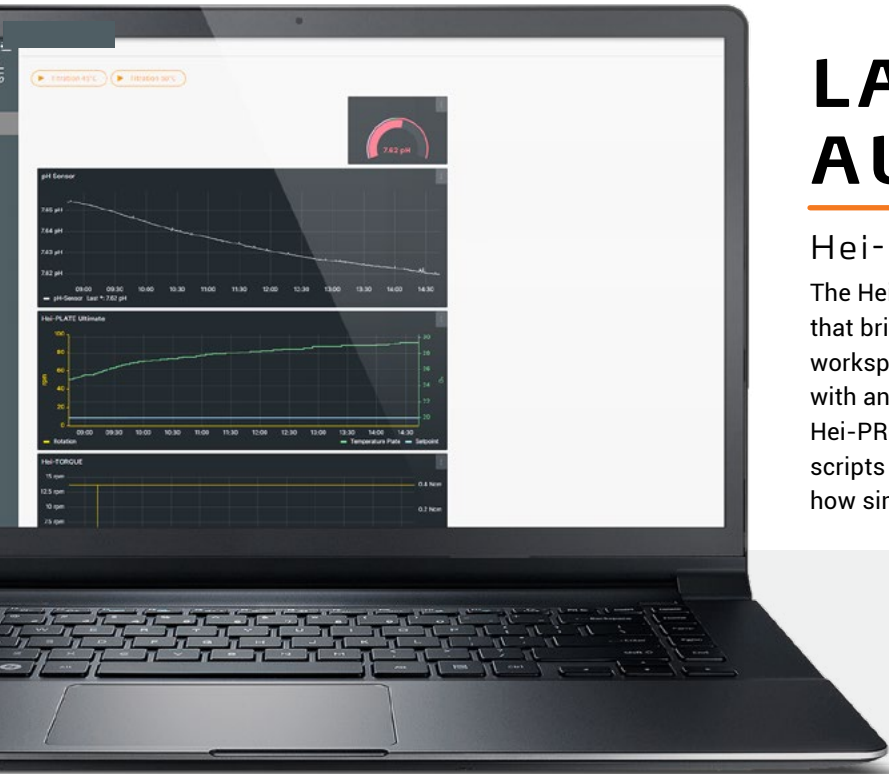
The next generation of cell cultivation: Increased reproducibility and efficiency thanks to the most innovative technologies in the field of culture plates.

Cultivate up to 20,184 uniformly shaped and sized spheroids with the Sphericalplate 5D™ (SP5D™)



Scan here to learn more about cell cultivation with the SP5D™





# LAB PROCESS AUTOMATION

## Hei-PROCESS

The Hei-PROCESS is a next generation automation solution that brings a whole different level of connectivity to the workspace. Any instrument (from Heidolph or other brands with an interface) can be integrated and controlled via the Hei-PROCESS software. From there, custom automation scripts can be created to fit the user's demands, no matter how simple or complex they are.

Scan here to learn more about Hei-PROCESS Laboratory Automation



### AUTOMATIC DATA COLLECTION

Automatically record, and safely store your experimental data where it is always accessible



### HUMAN ERROR REDUCTION

Reduce human errors and increase reproducibility



### MODULAR

Start with a simple solution and add more devices along the way



### ARRAY OF COMPATIBILITY

Our offer of supported devices is growing everyday, which includes Heidolph devices as well as devices from third-party manufacturers



### TAILOR-MADE SOLUTIONS

Modify your tailored solution at any time to best suit the needs of your experiment



### AFFORDABLE

Different price models for every budget



### SAVE TIME

Save time and increase efficiency by easily automating lab processes



### REMOTE PROCESSING

Increase your lab's safety and get the flexibility to conduct your experiments at any time thanks to remote processing





# SERVICE SUPPORT

With a product from Heidolph Instruments, you can be sure you get not only a reliable premium device, but also a service team that makes a difference. We have made it our mission to take care of everything so you can spend more time on your projects and research.



## SERVICE CENTER

We will work to prioritize your eligible repairs to help minimize downtime. We also offer the opportunity to request a free quotation beforehand.



## TROUBLESHOOTING

If on-site repair isn't possible or preferred, we'll troubleshoot and repair in our in-house service center.



## ON SITE

For sensitive systems or high costs for dismantling and transport, our service technicians or partners will come to you and do on-site repairs

## CONTACT HEIDOLPH SERVICE

To learn more about Heidolph Service Solutions or schedule your next service visit scan here!



## WANT TO LEARN MORE? CONTACT US

Scan here or email us at [sales@heidolph.de](mailto:sales@heidolph.de) to speak with an expert to learn more or request a quote. For more resources and application knowledge please visit [www.heidolph.com](http://www.heidolph.com)



Do you know who your  
Heidolph representative is?

Visit our website to find  
your local representative:  
[https://heidolph.com/emea/  
en/Contact/WorldWideExperts](https://heidolph.com/emea/en/Contact/WorldWideExperts)

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