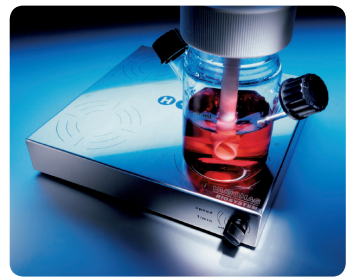




Magnetic Stirrers



VARIOMAG[®]

ALYS Technologies SA
Labware Business Unit
Tel: +41 21 312 42 60
Fax : +41 21 312 42 61
labware@alys-technologies.com



POWER THERM

Powerful stirring of up to 20 litres, heating up to +320 °C

- Direct-controlled and heatable magnetic stirrer with hybrid drive
- Exceptionally powerful magnetic stirrer, stirring volume from 10 ml to 20 litres, even suitable for viscous media
- The superiority of the drive is especially emphasized at high speed
- Very compact dimensions, flat design
- Speed range from 100 to 2,000 rpm
- Heating plate temperatures up to +320 °C
- Rapid heating, energy-saving thanks to the fully insulated aluminium heating plate
- Exact processor control, no excess plate temperature
- Optional: direct connection of a contact thermometer (accessory)
- Independent and adjustable safety heating circuit for unsupervised operation, LED display
- Two threaded bore holes (M10) for support rods integrated in housing
- Integrated RS 232 interface, can be networked, up to 14 units controlled directly and individually with only one interface
- Full efficiency displayed when KOMET stirring bars are used
- High cost/performance ratio



POWER DIRECT

Exceptionally powerful magnetic stirrer of up to 40 litres stirring volume. Compact dimensions, flat design.

- Direct-controlled
- Broad speed range: 100 – 2,000 rpm
- Smooth stirring movements even at low speed
- Digital display for precise speed setting
- Automatic start-up function for safe acceleration of the stirring bar
- Fast stopping in 2 seconds
- Three different power settings (10 / 15 / 20 watt), with power for larger or viscous stirring volumes and reduced power in long-term operation, largely without heat
- Memory function stores the most recent settings, even when the device is disconnected from mains for a longer period of time
- Stirring volumes from 100 to 40,000 ml
- Far-reaching magnetic field, also suitable for highly viscous media
- Large working surface
- Stainless-steel housing, easy to clean and care for
- Integrated RS 232 interface, can be networked, up to 14 units can be controlled directly and individually with only one interface
- External power supply unit, far-reaching, for 100 – 240 VAC / 50 – 60 Hz

We reserve the right to make technical alterations.



DIRECT-CONTROLLED MAGNETIC STIRRERS SINGLE-POINT, HEATABLE

Direct-controlled magnetic stirrers

have the following advantages:

- Simple operation
- Inexpensive
- Space economy

MONOTHERM

- Wear-free inductive VARIOMAG drive
- Direct-controlled
- Speeds of 130 to 1.000 rpm
- Stirring volume up to 3.000 ml
- Heating plate temperatures up to +300 °C
- Rapid and economical heating using fully insulated heating plate
- No ballistic effects of the liquid temperature thanks to an innovative electronic control system
- Compact aluminium housing
- Available in grey and in mint
- Ultra-flat for extra stability
- Two threaded bore holes (M10) for support rods integrated in housing
- Contact thermometer (optional)
- VDE approved
- Inexpensive





TECHNICAL DATA

		MONOTHERM
Number of stirring points		1
Stirring volume per stirring point (ml)		1 - 3.000
Stirring power (W)		6
Speed range (1/min)		130 - 1.000
Heating power (W)		500
Dimensions WxDxH	(mm)	160 x 295 x 60
Weight	(kg)	2,5
Operating voltage	(VAC)	115 or 230
Construction		
Heating plate material		Al Mg 5
Protection (DIN 40050)		Protection class 1 IP 42, VDE approved
Ambient conditions		
Operating temperature	(°C)	-10 up to +40 at 80% relative humidity
Operation		direct-controlled
Order No. Color Grey		60100 (115 VAC = 60100 U)
Order No. Color Mint		60160 (115 VAC = 60160 U)

ACCESSORIES

THERMOCONTROL

Electronic contact thermometer

POWER SUPPLY with adapter for THERMOCONTROL

Required for use with **MONOTHERM**

MOUNTING CLAMP for THERMOCONTROL

Stainless steel MOUNTING CLAMP for THERMOCONTROL

SUPPORT ROD

GUARD RING

KOMET STIRRING BARS

For further information see page 40





H+P Labortechnik AG

A „Plus“ in Quality
A „Plus“ in Innovation
A „Plus“ in Service



VARIOMAG
Magnetic Stirrers

VARIOMAG
Magnetic Shakers



VARIOMAG
Steam Pots



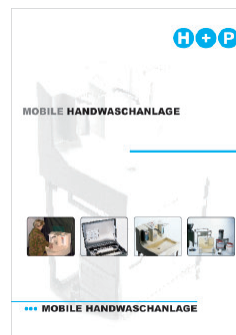
VARIOKLAV
Waste Water Sterilizers



VARIOMAG
Reaction Blocks



SAPROMAT
BOD Measuring unit



MOBILE
HANDWASHING UNIT

Our Product Range

VARIOKLAV Steam Sterilizers
VARIOKLAV Steam Pots
VARIOKLAV Steam Generators
VARIOKLAV Waste Water Sterilizers
Mobile Handwashing Unit

VARIOMAG Magnetic Stirrers
VARIOMAG Magnetic Shakers
VARIOMAG Reaction Blocks
SAPROMAT BOD Measuring Unit

H+P Labortechnik AG

Bruckmannring 15 - 19
85764 Oberschleißheim/Germany

Tel: +49 (0) 89 31 58 22-0
Fax: +49 (0) 89 31 54 45 3
E-Mail: hpinfo@hp-lab.de
Internet: www.hp-lab.de

YOUR DISTRIBUTOR:

ALYS Labware, Lausanne
Tel : 021 312 42 60
Fax : 021 312 42 61
labware@alys-technologies.com