

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *IKA RET Basic* at our website: ***Click HERE***

Data Sheet
Mixing / Magnetic Stirrers



RET basic IKAMAG® safety control

The classic: Now with new design, functions and features.
new: Wide speed range from 50 - 1.700 rpm
new: Integrated temperature control
new: Incl. PT 1000 temperature sensor (PT 1000.60)
new: Exact temperature and speed setting via digital display, even when switched off
new: Set safety temperature limit displayed digitally
new: Hot Top indicator >> hot surface warning to prevent burns!
new: Digital error code display
- With adjustable safety circuit of heating plate temperature (50 - 380 °C)
- Safety magnetic stirrer with heating, suitable for unsupervised operation
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- High level of safety thanks to improved heat control technology
- Enclosed assembly (IP 42) guarantees long service life
- Very broad temperature range (RT - 340 °C)
- Extremely fast heating times
- Electronic speed control
- High magnetic adhesion
- Incl. protection cover H 100

Accessories: ETS-D5, H 11 Mains cable CH plug, H 38 Holding rod, ETS-D6, H 11 Mains cable UK plug, H 11 Mains cable USA plug, H 11 Mains cable Euro plug, H 16.1 Extension, H 99 Protective cover, H 16 V Support rod, R 380 Stand support, H 44 Boss head clamp, H 15 Bath attachment, H 28 Bath attachment, H 29 Oil bath attachment, H 30 Oil bath attachment, IKAFLON® 10 Magnetic stirring bar, IKAFLON® 15 Magnetic stirring bar, IKAFLON® 20 Magnetic stirring bar, IKAFLON® 25 Magnetic stirring bar, IKAFLON® 30 Magnetic stirring bar, IKAFLON® 40 Magnetic stirring bar, IKAFLON® 50 Magnetic stirring bar, IKAFLON® 80 Magnetic stirring bar, TRIKA® 25 Magnetic stirring bar, TRIKA® 40 Magnetic stirring bar, RS 1 Set of magnetic stirring bars, RSE Stirring bar remover

Technical Data	
Number of stirring positions	1
Stirring quantity max. per stirring position (H2O) [l]	20
Speed deviation of individual stirring positions [%]	5
Stirring quantity max. (H2O) [l]	20
Motor rating input [W]	16
Motor rating output [W]	9
Speed display	LED
Speed range [1/min]	50 - 1700
Stirring bar length max. [mm]	80
Heat output [W]	600
Heating rate (1 l H2O in H15) [K/min]	7
Heating temperature range [°C]	50 - 340
Heat control	LED
Heat control accuracy [±K]	1
Speed control	stepless
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	380
Connection for ext. temperature sensor	DIN 12 878
Control accuracy with sensor [±K]	1
Temperature constancy in medium [±K]	1
Set-up plate material	stainless steel 1.4301
Set-up plate dimensions [mm]	Ø 135
Dimensions (W x H x D) [mm]	160 x 95 x 270
Weight [kg]	2.5
Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80
Protection class according to DIN EN 60529	IP 42
RS 232 interface	no
Analog output	no
Voltage [V]	220 - 230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	630
Ident. No.	**3622000**

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Subject to technical changes
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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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