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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *IKA RCT* at our website: ***Click HERE***

Data Sheet

Mixing / Magnetic Stirrers



RCT basic IKAMAG® safety control

The improvement of the bestseller: Now with new technology for more capacity
New: New: stronger motor for a higher range of speeds
New: Additional temperature control mode for faster heating of medium
- Integrated temperature control
- Incl. PT 1000 temperature sensor (PT 1000.60)
- Exact temperature and speed setting via digital display, even when switched off
- Set safety temperature limit displayed digitally
- Hot Top indicator >> hot surface warning to prevent burns!
- Digital error code display
- With adjustable safety circuit of heating plate temperature (50 - 360 °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
- Highly polished aluminium heating plate for optimum heat transfer
- Improved 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, PT 1000.70 Temperature sensor, glass coated, PT 1000.60 Temperature sensor, stainless steel, H 100 Protective cover, H 16 V Support rod, 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 - 1500
Stirring bar length max. [mm]	80
Heat output [W]	600
Heating rate (1 l H2O in H15) [K/min]	6.5
Heating temperature range [°C]	50 - 310
Heat control	LED
Heat control accuracy [±K]	1
Speed control	stepless
Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	360
Connection for ext. temperature sensor	DIN 12 878
Control accuracy with sensor [±K]	1
Set-up plate material	Aluminium alloy
Set-up plate dimensions [mm]	Ø 135
Dimensions (W x H x D) [mm]	160 x 85 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
Voltage [V]	220 - 230 / 115 / 100
Frequency [Hz]	50/60
Power input [W]	650
Ident. No.	**3810000**

© IKA® Werke Staufen/Germany 2008 www.ika.net
Subject to technical changes
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP