



designed to work perfectly

Questionnaire

/// IKA Laboratory Equipment

Thank you for your interest in our Application Support. Please complete this questionnaire and send it to applicationsupport@ika.de. If you would like for us to test your application, please send us your sample and we will test it with a suitable device in our application laboratory.

Your information is confidential and if you would like to find out more about our privacy statement, please visit www.ika.com.



YOUR CONTACT INFORMATION

Institute / Company:	Street:
Name:	City:
Title:	State: Country:
Department / Laboratory No.:	Zip code:
eMail:	Phone:

HOT PLATES AND MAGNETIC STIRRERS

Multi position	Single position	Heating only	Stirring only	Heating and stirring
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Additional features:

Precise temperature control through external sensor	Heating block systems (to replace oil bath & heating mantles)	
Integrated pH measurement	Integrated weighing function	
Ceramic top for chemical resistance	PC controlled (labworldsoft®)	
Temperature range: °C	Stirring volume: l	Vessel diameter: mm

Additional information:

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OVERHEAD STIRRERS

Mechanical (Gear driven)				Electronic (Microprocessor controlled)				
Additional features:								
Remotely controlled by wireless controller (WiCo)				Integrated temperature measurement				
Torque trend display for change in viscosity information				Programmable functions				
PC controlled (labworldsoft®)				Reverse function				
Process volume:	l	Speed range:	rpm	Viscosity range:	mPas (at 25 °C)			
Or sample similar to:	Water	Motor oil	Honey	Others:				
Vessel dimensions: Diameter:	mm	Total height:	mm	Filling height:	mm			
Choice of stirring elements:								
Propeller	Turbine	Centrifugal	Paddle	Anchor	Dissolver	Spiral	Moebius	Blade
You want us to suggest the element?								
Short description of the process:								

SHAKERS

Vibrating / Vortex		Orbital		Reciprocal		2D rocking	
3D rocking		Rolling		Rotating			
Additional features:							
Temperature control / Incubating		Timer function		PC controlled (labworldsoft®)			
Speed range:	rpm	Temperature range:	°C	Shaking capacity:	kg		
Vessel size / volume:							
Centrifuge tubes		Microtiter plates / Deepwell plates		Erlenmeyer flasks		Test tubes / Cuvettes	
Vibrating / Vortex		Beakers		Culture bottles		Fernbach flasks	
Separating funnels		Others					
Vessel description:				Number of vessels:			
Additional information:							



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DISPERSERS / HOMOGENIZERS

Cell disruption / Tissue homogenization		High shear mixing	Homogenizing		
Emulsifying	Suspending	Dispersing	Dissolving		
Breaking of agglomerates		Particle size reduction (wet milling)			
Additional features:					
Single use plastic elements		Working under pressure / Vacuum			
Liquid / Liquid	Liquid / Solid (ratio in % /)	Abrasive sample			
Initial particle size:	mm	Desired particle size:	µm		
Temperature range:	°C	Pressure / Vacuum:	bar		
Process volume:	l	Speed range:	rpm	Viscosity range:	mPas (at 25 °C)
Or sample similar to:	Water	Motor oil	Honey	Others:	
Vessel dimensions: Diameter:	mm	Total height:	mm	Filling height:	mm

Short description of the process:

MILLS

Batch milling		Continuous milling		Single use plastic elements		
Sample description:		Nature:	Hard	Brittle	Soft	Fibrous
Sample volume:	g	Sample hardness (mohs scale):				(1-9)
Maximum feed size:		Desired fineness:				
Feed cooling option:	Dry ice	Liquid nitrogen		Water (for the chamber)		

Additional information:

DRY BLOCK HEATER

Controlling temperature range:	°C	Vessel description:	(tubes / vials / cuvettes)	Number of vessels:
Flat bottom	Conical bottom	Round bottom	Vessel diameter:	mm

Additional information:

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TEMPERATURE CONTROL PRODUCTS

Immersion circulator	Heating bath circulator	Recirculating chiller	Refrigerated and heating circulator	
Additional features:				
External temperature control by PT 100 sensor		Cooling coil		
Programs and graphs		PC controlled (labworldsoft®)		
Remotely controlled by wireless controller (WiCo)		Multi-IO-Port		
Temperature range (min / max): °C		Bath volume: l		
Pump performance: l / min bar		Heating / Cooling capacity: W		
Accessories required:				
Bath vessel	Cooling coil	Tube racks	Tubings	Hose
Fluid level controller	Thermo fluid	PT 100 sensor	Magnetic valve	Others:
Additional information:				

ROTARY EVAPORATORS

Basic model	Semi-automatic model	Automatic model	
Additional features:			
Integrated solvent library	Automatic boiling point detection		
Vacuum controller	Programs and graphs		
Volume controlled distillation	PC controlled (labworldsoft®)		
Volume range: L	Temperature range: °C		
Glassware Options:			
Vertical	Diagonal	Dry-ice	Reflux
Double-jacketed	Coated	Others:	
Accessories required:			
Vacuum pump; Ultimate vacuum: mbar	Others: Flow rate: m ³ / h		
Recirculating chiller: Temperature range: °C	Cooling capacity: W		
Additional information:			