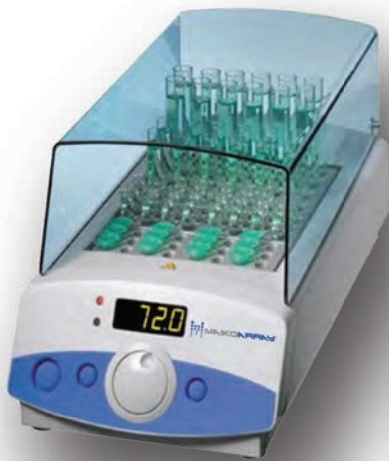


Maikoarray Instrument Thermostats



Maikoarray offers extended range of thermostating equipment
Unstirred water bath — **WB** series (Maikoarray brand);
Boiling baths — **SBB** series;
Dry block heaters — **QB** series;
Stirred water bath — **GD** series;
Shaking water baths OLS200 and **GLS Aqua Plus** range;
Stirred Thermostatic Baths and Heating Circulators **Optima™99** series;
Refrigerated Thermostatic baths and circulators **Optima™99 (R)** series;

SBB series, Boiling baths

The new **SBB Aqua Plus** boiling baths are robust, reliable and provide continuous 100°C operation. The range consists of four models to suit a range of applications and any budget.

- * Now a choice of 4 models — New for 2010!
- * Non-drip polycarbonate lid included as standard — New for 2010!
- * Adjustable energy regulator provides steady boiling
- * Constant level device maintains liquid level
- * Robust and reliable design to withstand everyday wear and tear
- * 3-year warranty

SBB Aqua 5 Plus



SBB Aqua 26 Plus



SBB Aqua 18 Plus



SBB Aqua 12 Plus




WB-2

WB-2S

WB-5

WB-26

WB-Dual

The Maikoarray range of unstirred water baths comprises four major groups of high quality robust water baths for routine laboratory applications, plus two models for specific applications. The world's best-selling range of water baths — thousands sold and in operation, thousands of satisfied users.

Unbeatable for everyday use — safe for your samples, robust, durable and easy to use, Maikoarray's legendary quality and reliability built in.

Stainless steel and plastic tanks with all the accessories — a complete range for all your needs.

Specifications:

Temperature control range	ambient +5°C to +99°C
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Temperature stability	±0.2°C
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Good value for money

Designed to improve performance and reduce energy consumption

Wide range of options to suit different applications

3-year warranty as standard

Available as 220V only

WB series tanks capacity:

WB-2	2 litres
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WB-2s	2 litres, shallow tank
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WB-5	5 litres
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WB-12	12 litres
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WB-18	18 litres
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WB-26	26 litres
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WB-Dual	Combined dual 12 and 5 litres water baths
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Dry block heating systems with interchangeable blocks



A market leading range of versatile, high quality dry block heating systems with excellent temperature control, providing a source of precision heating for many sensitive analytical procedures.

A premium product range at an affordable price:

Accurate, reproducible and safe heating of your samples — advanced temperature control combined with high quality, precision-engineered blocks providing excellent thermal contact;

Versatile range of interchangeable heating blocks to fit any tube or plate you are using for your samples;

Full range of models and options to cater for basic through to more sophisticated applications;

Wide range of accessories.



QBD4 with a lid



QBH2



Accessories



Specifications:			
Model	QBD1 / QBD2 / QBD4	QBH2	QBA1 / QBA2
Type	Digital	Digital	Analogue
Number of blocks	1 / 2 / 4	2	1 / 2
Temperature range	amb. +5°C to 130°C	amb. +5°C to 200°C	amb. +5°C to 100°C
Temperature setting rang	e+15°C to 130°C	+15°C to 200°C	+15°C to 100°C
Stability at 37°C	±0.1	±0.1	±1
Uniformity within the block at 37°C	±0.1	±0.1	±1
Display / Resolution	LED / 0.1°C	LED / 0.1°C	n/a
Safety: Overtemperature	thermal fuse		
Timer with a sound alarm	1 min up to 72 hrs		n/a
Heat up time from 25°C to 100°C	15 min		25 min
Power consumption	150 / 300 / 600 W	300 W	150 / 300 W
Power supply	115 V or 230 V		



The Maikoarray Optima™'99 series of stirred thermostatic baths and heating circulators is a cost-effective range of multi-purpose systems combining Maikoarray's legendary quality and reliability to provide precise temperature control for a wide range of laboratory applications. Choose from:

GD100 series with digital control, 0°C to 100°C*

GD120 series with digital control and integral pump, -15°C to +120°C*

GR150 series with digital control, integral pump and enhanced programming features, -15°C to +150°C*

GP200 series with digital control, enhanced integral pump and sophisticated programming features, -15° to +200°C*

* Operation around/below ambient requires accessory cooling. Maximum temperature for plastic tanks +99°C.

GP200-S12 with a lid



Combining Maikoarray's highly acclaimed Optima™'99 thermostats with high quality, robust plastic (P) or stainless steel (S) tanks, Maikoarray stirred baths provide the following features and benefits:

Accurate and safe temperature control — for samples and users
Intuitive programming and thoughtful design features — makes working with Maikoarray stirred baths and circulators easy.

Robust, durable construction — for longevity, reliability and long-term low cost of ownership.

A complete range — 32 models to cover basic through to sophisticated needs, each model represents excellent value for money.

Applications:

Maikoarray stirred baths and circulators provide a source of precision heating and cooling for many routine and sensitive analytical procedures. They are suitable for use as both open and closed loop circulators (i.e. remote vessel open or closed). Alternatively, the Maikoarray FH series of flow heaters (closed circulators) can be used. For more powerful heating requirements, e.g. i.e. above +200°C.

Gerber bath



A Gerber bath is available — specifically designed for use in dairy laboratories, with sufficient depth to allow immersion of Gerber butyrometers. Also suitable for general laboratory applications where a deeper tank is required.

Accessory cooling



Refrigerated thermostatic baths and circulators, Optima™99 series (R)



The Maikoarray Optima™99 series of thermostatic refrigerated baths and circulators represent cost-effective multi-purpose systems for low temperature applications down to -47°C and up to 100°C .

Choosing a refrigerated bath and circulator from:

The **GD100 R** series with digital control, 0° to 100°C

The **GD120 R** series with digital control and integral pump, -20° to 100°C

The **GR150 R** series with digital control, integral pump and enhanced programming features, -47° to 100°C

The **GR200 R** series with digital control, enhanced integral pump and sophisticated programming features, -47° to 100°C

The four Maikoarray Optima™99 digital thermostats can be combined with the five Maikoarray refrigeration (R) units to provide a choice of 19 models. To help you choose the correct system.



Combined orbital/linear shaking bath OLS200

The Maikoarray **OLS200** orbital/linear shaking bath combines Maikoarray's high precision temperature control with a robust high quality shaking mechanism that works smoothly and consistently in demanding laboratory applications.

High quality, robust design with unique magnetically coupled shaking mechanism for maximum reliability, consistency and quiet operation.

Combined linear/orbital shaking bath for supreme flexibility.

Wide range of accessories to provide exactly the right solution for your application.

Specifications:

Temperature range	$0^{\circ}\text{C}^* \dots 99^{\circ}\text{C}$
<i>* Accessory cooling required for operation below ambient</i>	
Stability	$\pm 0.1^{\circ}\text{C}$
Uniformity	$\pm 0.1^{\circ}\text{C}$
Temperature setting/display	digital/LED
Display resolution	0.1°C
Shaking speed range: Orbital	20–200 rpm
Linear	40–360* strokes/min
<i>* depending on load</i>	
Linear—Stroke length	18, 28, 36 mm
Orbital	18 mm
Display resolution	1 rpm
Overall power consumption	1.5 kW
Flask immersion (min. / max)	0 / 90 mm
Shaking tray area (W × D)	375 × 235 mm
Overall dimensions (W × D × H)	555 × 325 × 300 mm
Safety	Overtemperature adjustable cut-out
Weight	15 kg



Accessory cooling

GLS Aqua 12 Plus



Maikoarray quality and design combined with the temperature stability and functions you need in a linear shaking bath for your laboratory. The baths now share the same stylish, modern looks associated with the Maikoarray Aqua Plus range.

Features:

- Ambient + 5°C to 99°C operation
- Digital PID control for quick heat-up and precision control throughout the temperature range
- Stability ± 0.1°C
- Programmable temperature and shaking presets
- User-settable sample protection and fixed thermal cut-out
- Choice of two models — 12 and 18 litre
- Front panel lock-out
- 3-year warranty

Specifications:

Minimum working volume	5 litres
Temperature range	ambient +5 to 99°C
Stability @ 37°C	±0.1
Uniformity @ 37°C	±0.1
Temperature setting / display	digital / 3-digit LED
Display resolution	0.1°C
Linear — Shaking speed range	40–400* strokes/min * depending on load
Linear — Stroke length	18 mm
Display resolution	1 strokes/min
GLS Aqua 12 Plus	
Shaking tray area (W × D)	240 × 235 mm
Overall dimensions (W × D × H)	270 × 390 × 335 mm
GLS Aqua 18 Plus	
Shaking tray area (W × D)	420 × 235 mm
Overall dimensions (W × D × H)	270 × 570 × 335 mm
Flask immersion, min./max	0 to 60 mm
Overall consumption	0.8 kW
Safety: Overtemperature/low liquid level Adjustable cut out	
Electrical supply	230 V, 60 Hz / 120 V, 50 Hz
CSA approved	yes

GLS Aqua 18 Plus

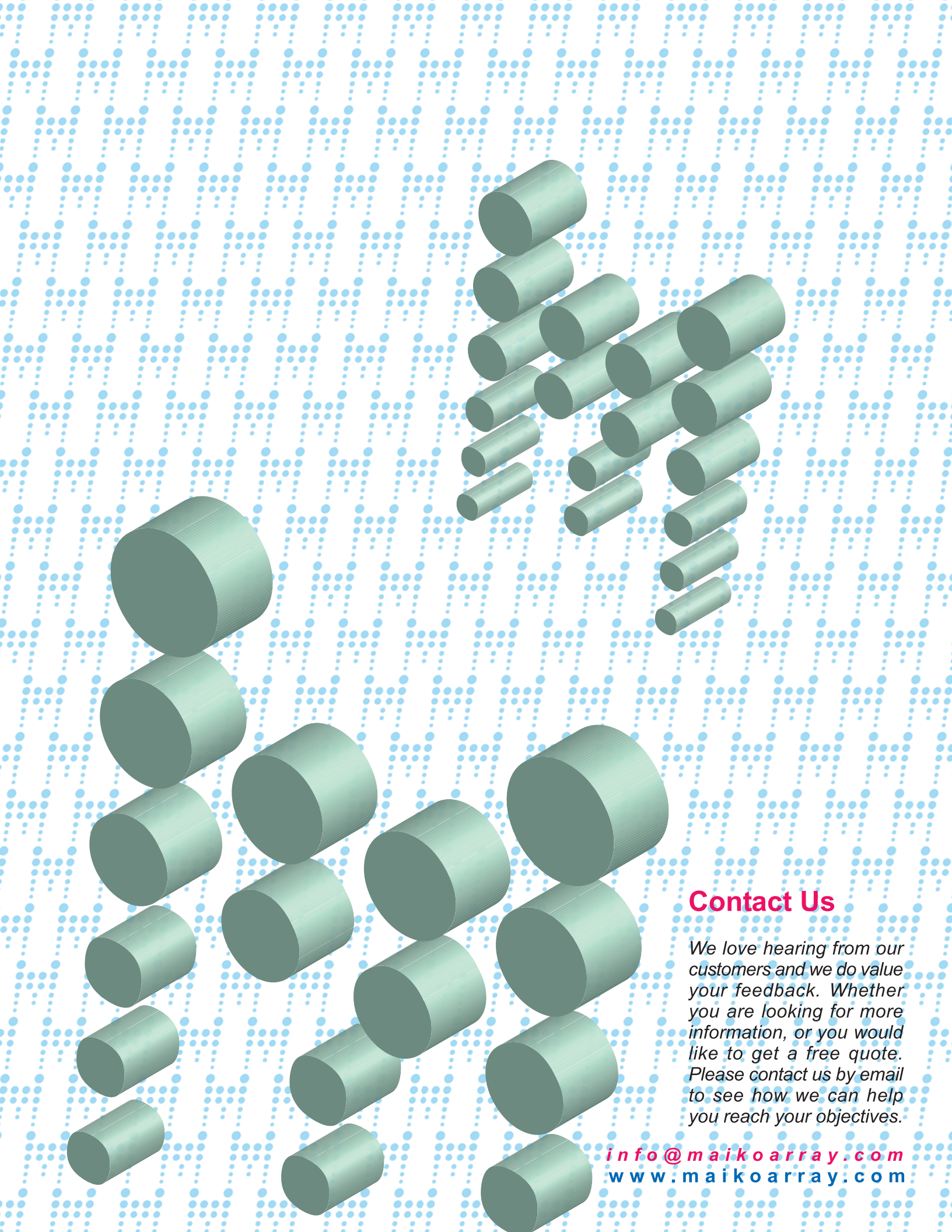


GLS Aqua 18 Plus



GLS Aqua 12 Plus





Contact Us

We love hearing from our customers and we do value your feedback. Whether you are looking for more information, or you would like to get a free quote. Please contact us by email to see how we can help you reach your objectives.

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