

Discover pioneering laboratory equipment and analytical technologies.



Our product overview is packed full of our scientific product ranges that are loaded with high performance features to work across many applications and designed for academia, research, industry, food & beverage, pharmaceutical, biotechnology and many more.

UNSTIRRED WATER BATHS

Grant's unstirred water bath range gives you advanced technology benefits, with digital control at your fingertips. The new generation of water baths feature **Set and Forget™** technology. Designed for safety and ease of use. Most models come with a base tray and lid*. Available in a choice of sizes and temperature ranges, to help make your everyday laboratory work easier. *lids for the JBA models are sold separately.



	JB Academy	JB Nova	SUB Aqua Pro	SBB Aqua Plus
Temperature Range	+5 to 95°C	+5 to 95°C	+5 to 99°C	100°C only
Stability	±0.5°C	±0.5°C	±0.2°C	-
Tank Options	5, 12, 18L	12, 18 and 26 L	2, 5, 12, 18, 26, 34 L	5, 12, 18, 26 L

HEATED CIRCULATING BATHS

The heated circulating bath product portfolio comes packed full of features and optional accessories. Available as a combined controller and tank system or as single units. A T-Clamp allows the heated circulator to attach to a vertically sided tank. Additional accessories include polypropylene balls and lids. Or opt for cooling accessories, as illustrated below.



	General Purpose		Advanced	
	T100	TC120	TX150	TXF200
Temperature Range	amb +5 to 100°C	amb +5 to 120°C	amb +5 to 150°C	amb +5 to 200°C
Stability	±0.05°C	±0.05°C	±0.01°C	±0.01°C
Tank Options	5, 12, 18, 26, 38L / custom options available			
Integral Pump	-	✓	✓	✓

HEATED CIRCULATING BATH ACCESSORIES FOR COOLING APPLICATIONS



Choose from one of two cooling coils connected to refrigerated units that extends the temperature range of the stirred baths to below ambient. Or opt for a heat exchange coil attached to a water source. Both sit neatly in the heated circulating baths through the bath bridge plate.

	Immersion Coolers		Heat Exchange Coil
	C1GR	C2GR	CW5
Cooling Power @ 20°C	350W	450W	-
Dimensions	485 x 305 x 320 mm		130 x 100 x 150 mm
Temperature Range	0°C to 40°C	-15°C to 40°C	2°C above coolant temperature

REFRIGERATED/HEATED CIRCULATING BATHS

3 YEAR WARRANTY

The ECOCOOL range of refrigerated/heating circulating baths provide eco-friendly, cost effective, multi-use innovation. There are two models in this range and both come assembled as ready to use kits, complete with insulated hoses, clips and connectors as standard. There is an integral pump accessory as standard or high pressure pumps available for more demanding applications.

	ECOCOOL 100R	ECOCOOL 150R
Temperature Range	amb -20 to 100°C	amb -30 to 150°C
Stability	±0.05°C	±0.05°C
Cooling Power @ 20°C	250W	450W
Flow Rate (L/min)	17	14 - 22 (adjustable)
Working Area (dxw)	120 x 150 mm	120 x 150 mm
Max Tank Volume	5 L	6 L

GRANT R SERIES REFRIGERATION UNITS

3 YEAR WARRANTY

The refrigerated bath range offers outstanding performance for routine and more sophisticated applications. The R4 can be combined with any of our four Optima heated circulators. The R52 comes as a kit with the TXF200 The LTC4 is supplied with hoses and clips. There is an integral pump accessory as standard or high pressure pumps available for more demanding applications.

	R4R	R52	LTC4R
Temperature Range T100	0°C to 100°C	-	-
Temperature Range TC120	-20°C to 100°C	-	-
Temperature Range TX150	-30°C to 100°C	-	-30°C to 100°C
Temperature Range TXF200	-40°C to 100°C	-52°C to 100°C	-
Cooling Capacity @ 20°C	1kW	1.1kW	1kW

CHILLERS

3 YEAR WARRANTY

High-efficiency chillers with powerful 1400 to 3000 watts cooling capacity. The RC range is designed for cooling applications that give temperature ranges of -10°C to 60°C. Due to their excellent temperature stability the units can handle even the most sophisticated of applications. The units can be supplied as standard or customised to meet more specific needs. Suitable for circulation through open and closed loop systems.

	RC1400GR	RC3000GR
Temperature Range	-10°C to 60°C	
Stability	±0.25°C*	±0.5°C*
Cooling Power @ 20°C	1300W	3000W
Flow Rate (L/min)	15	

with 10 litres of water in the system *
with 25 litres of water in the system **

SHAKING BATHS

Grant's world-renowned shaking bath product range gives you high precision temperature control at the touch of a button. The series gives you the robustness and reliability you need, together with patented orbital and linear shaking technology for the ultimate in consistency and quiet operation. Comes complete with a universal spring tray and lid. Add additional accessories such as trays for flasks and tubes as needed.

3 YEAR WARRANTY

	LSB12	LSB18	OLS26
Temperature Range	amb +5 to 99°C		amb +5 to 99°C*
Stability @ 70°C	±0.1°C		±0.1°C
Tank Size	12 L	18 L	26 L
Speed	20 to 200 rpm (depending on load)		
Direction	Linear		Orbital and Linear

*0 to 99°C with accessory cooling

ULTRASONIC BATHS

Grant's series of high-performance ultrasonic bath offers fast, safe, cost-effective benefits, combined with ultrasonic LEAP technology for precise control across a range of scientific and laboratory applications. Comes complete with lid, basket and cleaning solution. A drain valve on the digital XUB range is built in the back for safe emptying.

3 YEAR WARRANTY

	XUBA Range	XUB Range
Capacity	1.5 to 2.5 L	4.5 to 25 L
Ultrasonic Power	35W	100W to 400W
Heated	XUBA3 only	Yes
Maximum Heating Capacity	amb +5 to 70°C XUBA3 only	amb +5 to 70°C

DRY BLOCK HEATERS

The dry block heater series gives you a choice of high-quality solutions, with digital temperature control for optimal precision. Choose from a wide range of standard and custom blocks for added flexibility, sold separately. The QB and BT5D accommodate standard blocks for test tubes, microtubes and microplates or the blocks can be customised to meet your more specific needs. The BTD has a fixed block that works for three different microtube sizes.

UP TO 3 YEAR WARRANTY

	QB Series		BTD	BT5D	
	QBD	QBH	BTD	BTD5 - 16	BTD5 - 26
Temperature Range	amb +5 to 130°C	amb +5 to 200°C	amb +5 to 100°C	amb +10 to 400°C	
Stability @ 37°C	±0.1°C		±0.1°C	±0.5°C	
Capacity	Interchangeable blocks Custom blocks are available		Up to 49 Tubes 0.2 to 2ml	38 x Ø16 mm 22 x Ø26 mm Custom blocks are available	

DRY BLOCKS FOR HEATING AND COOLING

2 YEAR WARRANTY

Compact, flexible, easy to use products for rapid heating and cooling of microtubes. The PCH series offers you effective tools for DNA/RNA sample preparation with a choice of three fixed block models for different sized microtubes. The CH3-150 has one side that heats and one side that cools to offer you flexibility in use. A choice of seven interchangeable blocks are available for tubes from 1.5 to 50 ml.

	PCH-1	PCH-2	PCH-3	CH3-150
Temperature Range	-10 to 100°C			Cooling: -3 to +20°C Heating: +25 to +100°C
Capacity	12 x 1.5 ml plus 20 x 0.5 ml	20 x 1.5 ml	20 x 2 ml	7 block options Custom blocks available
Stability	±0.1°C			

VORTEX MIXERS

2 YEAR WARRANTY

Grant offers a choice of vortex mixers that provide reliable, high-speed mixing stability in a range of space saving models. A choice of platforms is available, providing flexibility and versatility for a variety of common tubes and plates. The max speed will vary on the load.

	PV-1	V-32	MSV-3500	MPS-1
Speed	750 to 3000 rpm	500 to 3000 rpm	300 to 3500 rpm	300 to 3200 rpm
Orbit	4 mm	2 mm	4 mm	3 mm
Capacity	0.2 to 50ml	0.2 to 10ml	0.2 to 50ml	0.2 to 2ml & PCR Plates
Operating Temperature Range	+4 to 40°C			

ROCKERS

2 YEAR WARRANTY

The Grant rockers come in a range of choices, from single to multi-function options. A non-slip mat is included for an extra secure hold and flexibility, with an accessory dimpled-mat available for use with tubes on the PMR-30, PS-3D and PS-M3D models.

	PMR-30	PMR-100	PS-3D	PS-M3D
Motion	Fixed Tilt	Adjustable Tilt	Fixed-tilt 3D	Multi-function 3D
Speed	5 to 30 oscil/min	1 to 99 oscil/min	5 to 60 oscil/min	1 to 100 oscil/min
Tilt/Orbital Diameter	7°	0° to 9°	7°	7° tilt angle 22 mm orbital diameter
Platform Dimensions	215 x 215 mm	460 x 360 mm	215 x 215 mm	

ROTATORS

Compact, economical, efficient and user-friendly products that perform a thorough sample mixing. Designed for maximum flexibility and reliability. The range offers you complete control with digital display and easy to use controls, giving your laboratory extra efficiency. Choose from simple vertical rotation or multi-function rotators. Supplied with a platform for tubes up to 50 ml, other platforms are available.

2 YEAR WARRANTY

	PTR-25	PTR-35	PTR-60
Speed	5 to 30 rpm	10 to 100 rpm	
No. of Platforms Available	3	7	3
Maximum Load	0.5 kg		0.8 kg
Power Consumption	1.3W (0.11A)	8W (0.66A)	18W (0.75A)

ORBITAL SHAKERS

Grant's series of space saving benchtop shakers offer long term reliability, performance, flexibility and versatility. All models are designed with user-friendly controls. The multi-functional series of shakers give you the tools to mix your samples safely and efficiently. A choice of platforms is available including a spring tray, flask trays and a multi-level flat platform for plates and dishes. Platforms are available separately.

NEW

2 YEAR WARRANTY

	PSU-20i	PSU-10i	PMS-1000i	CPS-20 – for use in CO2 incubator
Speed	20 to 250 rpm	50 to 450 rpm	150 to 200 rpm	50 to 250 rpm
Orbit	20 mm	10 mm	2 mm	20 mm
Maximum Load	8 kg	3 kg	n/a	3 kg
No. of Platforms Available	10	5	2	5

THERMOSHAKERS

The thermoshakers come with heating and cooling options and a range of platforms are available for microtubes or PCR plate. Designed for reliability, performance and accuracy to give outstanding results, these versatile thermoshakers are an ideal addition to any laboratory and application.

NEW

2 YEAR WARRANTY



	PHMT Series	PCMT/PLUS Series	PHMP Series	TS-DW
Speed	250 to 1400 rpm	50 to 1400 rpm	250 to 1200 rpm	250 to 1400 rpm
Temperature Range	amb +5 to 100°C	amb -15 to 100°C	amb +5 to 100°C	amb +5 to 100°C
Uniformity at 37°C	0.1°C	0.1°C	0.25°C	0.1°C

PCMT PLUS now includes bluetooth

ASPIRATORS

2 YEAR WARRANTY

Grant's all-in-one range of portable and easy to use aspirators are designed for vacuum suction in all routine aspiration work. Ideal for the removal of alcohol, buffer and liquid during DNA/RNA purification. Both models come with more accessory options including an 8-channel adapter kit, replacement bottle, filter and tubing. A choice of 1 litre compact or 2 litre advanced aspirators with pump and trap flask.




	FTA-1	FTA-2i
		
Trap Flask Volume	1 L	2 L
Vacuum	-500 mbar	-200 to 800 mbar (adjustable)
Flow Rate	72 ml with aspiration tip 666 ml without aspiration tip	
Overflow Protection	-	Motor stops, light and sound signal

DENSITOMETERS

NEW

2 YEAR WARRANTY

Neat, efficient and compact benchtop densitometers used for measuring turbidity of cell suspensions for life science applications. Ideal for use on the bench, in cold rooms, incubators and workstations. The DEN-1B is mains or battery operated, perfect for remote areas.

	DEN-1	DEN-1B	DEN-600
			
Light Source	LED		
Wave Length	565 ± 15 nm		600 ± 10 nm
Range (McFarland Units)	0.3 to 15.0	0.0 to 15.00	0.00 to 16.00
Range (Absorbance Units)	-	-	0 to 3.000
Tube Diameter	12, 16, 18 mm		Universal (up to 18mm) and cuvettes

BIOREACTORS

2 YEAR WARRANTY

Compact and efficient personal bioreactors with innovative patented **Reverse-Spin®** mixing technology. Store and analyse data in real time and with the integrated software included as standard. See 3D graphical representation of OD or growth rate over time over unit. Connect up to 12 units to a PC with remote monitoring option (needs internet connection). 50 ml reaction tubes included.

	RTS-1	RTS-1C
		
Light Source	LED (NIR Light Diode)	
Wave Length	850 ± 15 nm	
Temperature Range	amb +5 to ±70°C	amb -15 to ±70°C
Speed	50 to 2,000 rpm (increments of 10)	

INCUBATOR SHAKERS

Versatile, programmable and digital control benchtop incubator shakers are ideal for mixing and incubating biological cultures and samples in a range of flasks and vessels. With a digital touchpad, you can be in complete control of temperature, time and speed to give you added flexibility on a variety of sample preparation applications. Platforms need to be ordered separately, as needed.

	ES-20	ES-80	ES-20/80 Stackable & Bluetooth
Temperature Range	+25 to 42°C	+25 to 80°C	+25 to 80°C
Speed	50 to 250 rpm		50 to 400 rpm
Orbit	10 mm	20 mm	20 mm
Working Dimensions (W x D x H)	260 x 300 x 250 mm	450 x 390 x 300 mm	460 x 350 x 400 mm
Load Capacity	2.5 kg	8 kg	10.6 kg

NEW

2 YEAR WARRANTY

MAGNETIC & OVERHEAD STIRRERS

Our compact manual magnetic stirrers and digital hotplate stirrers are easy to use and have a maximum stirring volume of up to 20 litres. Models have optional detachable stands and a stirring bar. Clamps and an external probe are available for the MSH-300i to add as you need.

	MMS-3000	MSH-300i	MS-3000	MM-1000
Speed	0 to 3000 rpm	100 to 1250 rpm	0 to 3000 rpm	40 to 1000 rpm
Temperature Range	-	+30 to 330°C	-	-
Maximum Stirring Volume	20 L	20 L	5 L	20 L
Plate Diameter	160 mm	160 mm	110 mm	-

NEW

NEW

2 YEAR WARRANTY

UV CABINETS

This powerful series of benchtop UV cabinets comes in a choice of 3 models providing sterile conditions to safe guard from contamination in a range of DNA/RNA procedures. Innovative and patented dual UV system with built-in UV-air cleaner, UV protective glass film and timer, plus automatic switch off when the door is opened to prevent UV exposure, for added piece of mind.

	Economy PCR UV Cabinet	General Purpose PCR UV Cabinet	Double PCR Workstation
Internal Power Outlets	1	1	3
Inlet for Power Cord	1	1	1
Internal Working Area (W x D x H)	650 x 475 x 450 mm		1200 x 520 x 425 mm
Flow Rate	7m ³ /h		
Power Consumption - 230V	67W (0.3A)		530W (4.5A)

2 YEAR WARRANTY

UV AIR CLEANERS

NEW

2 YEAR WARRANTY

Powerful, efficient, easy to use UV cleaner-recirculator. Ideal for air disinfection in hospitals, research laboratories and clinics. The UVR cleaners give full user protection from direct UV radiation. Add a stand or wall mount for more flexibility and space saving solutions. UV lamp operation indicator for peace of mind.	UVR-M	UVR-Mi	ap360	
	Lamps	1 x 25W	2 x 25W	2 x 55W
	UV Radiation Level	18 mW / cm ² / sec	36 mW / cm ² / sec	600mW/cm ² /sec
	Air Flow Productivity	14 m ³ /hour		360 m ³ /h
Dimensions	660 x 135 x 110 mm		1050 x 350 x 350 mm	

* includes HEPA 13 filter

CENTRIFUGES

2 YEAR WARRANTY

Complete range of space saving, cost effective benchtop centrifuges. Choose from a range of speeds to match your laboratory needs. The series gives you a choice of a combined vortex mixer/centrifuge, all-in-one PCR plate centrifuge/vortex or ambient and refrigerated general purpose benchtop centrifuges for different kinds of tubes, plates and gel cards, giving greater versatility.	LMC Series	PCV Series	Microspin-12	CVP-2	
	Speed	Up to 4200 rpm	Up to 6000 rpm	100 to 14,500 rpm	300 to 1500 rpm
	No. of Rotors Available	5	5	Fixed Rotor	1

CONTROLLED RATE FREEZER

3 YEAR WARRANTY

The CRF-1 brings accuracy, precision and reproducibility to a range of applications. Liquid nitrogen free and cryogen free controlled rate freezing for straws, vials and microplates in fixed plates. Custom plates are also available on request. Comes with software to allow configuration of existing profiles, creation of new customer profiles, data logging and reporting.	CRF-1	Specifications		
		Max plate temp	30°C	
		Min plate temp	-80/-100°C	
		Temp accuracy	±0.5°C	
		Temp stability	±0.1°C	
		Max cooling rate	10°C/min	
Operating Temperature	20 - 30°C			
Models	H00, H01, H02, H03, H05, H06, H07, H08			

CREATION OF CUSTOM PROFILES

Let us bring your ideas to life. From initial inquiry to the delivery of your custom product, we will work in partnership with you and help make your ideas a reality. Our expert project team have detailed knowledge and experience in precision thermal control, heating and refrigeration, together with data acquisition, analysis and communication across a wide range of markets and industries. We are committed to quality and are ISO compliant, to show commitment to our customers. From OEM and private label projects for the global market, we will guide you through the custom process with our personalised project management approach to deliver you the right solution.



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