

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.

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.

CONTROLLED RATE FREEZE AND THAW

The CRFT brings accuracy, precision and reproducibility to a range of applications. Liquid nitrogen free and cryogen free controlled rate freezing and thawing 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.

CRFT	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
HEAD OPTIONS	H00, H01, H02, H03, H05, H06, H07, H08

2 YEAR WARRANTY

SQUIRREL SQ LOGGERS

The Squirrel sq range of data loggers and software, offers the ultimate experience in data logging through powerful performance, connectivity and innovative software. These next generation loggers boast multiple features to meet your business and applications needs.

Universal channel inputs measure current, voltage, resistance, and a host of parameters including; temperature, humidity, pressure, flow, wind speed, and concentration. Digital and analogue channels automatically trigger or stop logging. This means you can set the logger to automatically start or stop logging if an event occurs. Communication through a dedicated mobile app comes as standard via wireless Bluetooth as well as the ability to network data loggers through the all-new communications hub, giving a host of remote operating options together with powerful data capture.

	SQ16	SQ16 PLUS	SQ HUB
			
NUMBER OF CHANNELS DIFFERENTIAL	8	8	–
NUMBER OF CHANNELS SINGLE ENDED	16	16	–
INTERNAL MEMORY	4GB	16GB	–
ACCURACY	(5–45°C, 2.4V range)		

GRANT R SERIES REFRIGERATION UNITS

The refrigerated bath range offers outstanding performance for routine and more sophisticated applications. The R4R can be combined with any of our four Optima heated circulators. The R52 comes as a kit with the TXF200 The LTC4R is supplied with hosing and clips. There is an integral pump accessory as standard or high pressure pumps available for more demanding applications.

	R4R	R52	LTC4R*
			
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

3 YEAR WARRANTY

* ready to use system complete with tubing and clips

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



3 YEAR WARRANTY

TEMPERATURE RANGE	amb +5 to 95°C	amb +5 to 95°C	amb +5 to 99°C	100°C only
STABILITY	±0.5°C	±0.5°C	±0.2°C	–
TANK OPTIONS	5, 12, 18L	12, 18 & 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

T120

TX150

TXF200



3 YEAR WARRANTY

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	–	✓	✓	✓

* amb +15

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



3 YEAR WARRANTY

COOLING POWER @ 20°C	350w	450w	–
DIMENSIONS	485 x 305 x 320 mm		130 x 100 x 150 mm
TEMPERATURE RANGE	–10°C to 40°C	–15 to 40°C	2°C above coolant temperature

* available with 26 and 38L tank

REFRIGERATED/HEATED CIRCULATING BATHS

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 hosing, 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



3 YEAR WARRANTY

TEMPERATURE RANGE	-20 to 100°C	-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

SHAKING BATHS

Grant's world renowned shaking bath product range gives you high precision temperature control at the touch of 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 trays for flasks and tubes as needed.

LSB12



LSB18



OLS26



3 YEAR WARRANTY

TEMPERATURE RANGE	amb +5 to 99°C		amb +5 to 99°C*
STABILITY @ 70°C	±0.1°C		—
TANK SIZE	12L	18L	26L
SPEED	20 to 200 rpm (depending on load)		
DIRECTION	Linear		Orbital & 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.

Optional cooling accessory available.

XUBA RANGE (analogue)



XUB RANGE (digital)



3 YEAR WARRANTY

CAPACITY	1.5 to 2.5 L	4.5 to 25 L
ULTRASONIC POWER	35w	100w to 400w
HEATED	XUBA3 only	✓
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 test tubes, microtubes and microplates or the blocks can be customised to meet your more specific needs. The BT5D has a fixed block that works for three different microtube sizes.

	QB SERIES		BT5D	
	QBD*	QBH	BT5D	BT5D – 16 BT5D – 26
				
TEMPERATURE RANGE	amb +5 to 130°C	amb +5 to 200°C	amb +5 to 100°C	amb +5 to 400°C
STABILITY @ 37°C	±0.1°C		±0.1°C	±0.5°C
CAPACITY	Interchangeable blocks Custom blocks available		Up to 49 tubes 0.2 to 2ml	38 x Ø1 mm 22 x Ø26mm Custom blocks available

* 1, 2 and 4 block options available

UP TO
3 YEAR
WARRANTY

DRY BLOCKS FOR HEATING AND COOLING

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			

2 YEAR
WARRANTY

VORTEX MIXERS

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 maximum speed will vary on the load.

	PV-1	V-32	MSV-3500	MPS-1
				
SPEED	750–3000 rpm	500–3000 rpm	300–3500 rpm	300–3200 rpm
ORBIT	4 mm	2 mm	4 mm	3 mm
CAPACITY	0.2 to 50 ml	0.2 to 10ml	0.2 to 50ml	0.2 to 2ml & PCR Plates
OPERATING TEMPERATURE RANGE	+4 to 40°C			

2 YEAR
WARRANTY

ROCKERS

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 ocsil/min	1 to 99 ocsil/min	5 to 60 ocsil/min	1 to 100 ocsil/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	

2 YEAR
WARRANTY

ROTATORS

Compact, economical, efficient and user-friendly products that will give 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 platform for tubes up to 50 ml, other platforms are available.

	PTR-25	PTR-35	PTR-60
			
SPEED	5 to 30 rpm	10 to 100 rpm	
NUMBER 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)

2 YEAR
WARRANTY

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 gives 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.

	PSU-20i	PSU-10i	PMS-1000i	NEW 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
NUMBER OF PLATFORMS AVAILABLE	10	5	2	5

2 YEAR
WARRANTY

THERMOSHAKERS

The thermoshakers come in 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.

	PHMT SERIES	NEW PCMT/PLUS SERIES	PHMP SERIES	TS-DW
				
SPEED	250-1400 rpm	50-1400 rpm	250-1200 rpm	250-1400 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

2 YEAR
WARRANTY

ASPIRATORS

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

2 YEAR
WARRANTY

DENSITOMETERS

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	NEW DEN-600
			
LIGHT SOURCE	LED		LED
WAVE LENGTH	565 ± 15 nm		600 ± 10 nm
RANGE (McFarland units)	0.30 to 15.00	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 18 mm) and cuvettes

2 YEAR
WARRANTY

BIOREACTORS

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	RTS-8	RTS-8+
			
LED (NIR light diode)		Laser	
850 ± 15 nm			
amb +5 to ± 70°C	amb +15 to ± 70°C	amb +15 to ± 60°C	
50 to 2,000 rpm (increments of 10)		150 to 2700 rpm	

2 YEAR WARRANTY

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	NEW ES-20/80C	NEW ES-20/80 Stackable and Bluetooth
				
TEMPERATURE RANGE	+25 to 42°C	+25 to 80°C	+4 to 80°C	+25 to 80°C
SPEED	50 to 250 rpm	50 to 250 rpm	50 to 400 rpm	50 to 400 rpm
ORBIT	10 mm	20 mm	20mm	20 mm
WORKING DIMENSIONS (w x d x h)	260 x 300 x 250 mm	450 x 390 x 300 mm	460 x 400 x 325mm	460 x 400 x 310 mm
LOAD CAPACITY	2.5 kg	8 kg	10.6kg	10.6 kg

2 YEAR WARRANTY

MAGNETIC & OVERHEAD STIRRERS

Our compact manual magnetic stirrer and digital hotplate stirrer 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	NEW MS-3000	NEW 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	–

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
	UVT-B-AR	UVC/T-M-AR	UVT-S-AR
			
INTERNAL POWER OUTLETS	1	1	3
INLET FOR POWER CORD	1	1	1
INTERNAL WORKING AREA (w x d x h)	650 x 485 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

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 UK	UVR-Mi UK
		
LAMPS	1 x 25W	2 x 25W
UV RADIATION LEVEL	18 mW/ cm ² / sec	36 mW/ cm ² / sec
AIR FLOW PRODUCTIVITY	14 m ³ /hour	
DIMENSIONS	660 x 135 x 110 mm	

2 YEAR
WARRANTY

CENTRIFUGES

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 3000	LMC 4200R	Micro-spin-12	CVP-2
				
SPEED	Up to 420 rpm	Up to 6000 rpm	up to 14,500 rpm	300 to 1500 rpm
NUMBER OF ROTORS AVAILABLE	5	5	Fixed rotor	1

2 YEAR
WARRANTY

WHY GRANT

At Grant we deliver high quality, reliable, and user friendly scientific solutions that empower our customers to make meaningful contributions to research, healthcare, and environmental sustainability.

Our team are passionate about ensuring the success of our customers by delivering technology built to the highest standards. We thrive on creating solutions for the most difficult challenges presented to us by our customers; knowing that we are contributing to future scientific success is what motivates us. Our extensive network and deep-market understanding enables success every time.





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