





Heated circulating baths

3
year warranty



The versatile Optima heating circulator range consists of 4 models - 2 general purpose and 2 advanced. Combine models with any Grant stainless steel or plastic tank or use with a T-CLAMP to attach to other vertical sided tanks.

	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 and 18L plastic / 5, 12, 18, 26 and 38L stainless steel			
VWR catalogue number	89260-838	89260-840	89260-842	89260-844
Prices from	\$1,055.45	\$1,206.95	\$1,767.50	\$2,257.35

Refrigerated / heating circulating baths

4
year warranty



LT ecocool - a new range of innovative, eco friendly, refrigerated / heating circulating baths. Ready to use system supplied with insulated tubing and clips.

	LT ecocool 100	LT ecocool 150
		
Temperature range	amb. -20 to 100°C	amb. -25 to 150°C
Cooling power @ 20°C (W)	210	378
VWR catalogue number	10856-532	10856-534
Prices from	\$3,641.05	\$4,507.13

Shaking water baths

3
year warranty

- OLS › Patented, combined orbital and linear 26L shaking water bath. Supplied with universal tray.
- LSB › Robust, linear 12L and 18L shaking water bath. Supplied with universal tray.





	LSB	OLS26
		
Temperature range*	amb. +5 to 99°C	amb. +5 to 99°C
Stability	±0.1°C	±0.1°C
Uniformity	±0.1°C	±0.1°C
VWR catalogue number	10128-126	10158-864
Prices from	\$3,302.70	\$4,537.25

* Operation at or below ambient temperatures requires optional accessory cooling or a refrigeration unit.

Unstirred water baths

3
year warranty




- JB ACADEMY › Basic range with a choice of 3 models. Supplied with base tray.
- JB NOVA › General purpose water bath supplied with base tray and lid.
- SUB AQUA PRO › Advanced water bath range supplied with base tray and lid.
- SBB AQUA PLUS › Robust boiling bath providing continuous 100°C operation.

	JB Academy	JB Nova	SUB Aqua Pro	SBB Aqua Plus
				
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 and 18 L	5, 12, 18 and 26 L	8 models (2-34 L)	5, 12, 18 and 26 L
Drain tap	-	12, 18 and 26 L	12, 18, 26 and 34 L	12, 18 and 26 L
VWR catalogue number	10129-526	89500-368	89500-380	97055-812
Prices from	\$661.55	\$833.25	\$939.30	\$1,146.35

Dry block heaters

3
year warranty



- QB* › General purpose dry block systems to suit most applications in the laboratory with a choice of interchangeable blocks.
- BTD › Compact and flexible fixed block system for rapid and precise heating of microtubes.
- BT5D* › Dry block heating system for high temperature applications.

	QB series	BTD	BT5D
			
Temperature range	amb. +5 to 200°C (QBH2)	amb. +5 to 100°C	amb. +10 to 400°C
Stability	±0.1°C (QBD/QBH)	±0.1°C	±0.5°C
VWR catalogue number	97011-902	97011-930	71003-686
Prices from	\$888.80	\$1,146.35	\$4,034.95

Ultrasonic baths

3
year warranty

- XUBA** › Entry level baths with analogue controls. Supplied with lid and wire basket.
- XUB** › Digitally controlled range with frequency LEAP technology, reducing dead spots and standing waves. Supplied with lid and wire basket.

	XUBA range	XUB range
		
Temperature range	amb. +5 to 70°C	
Models	1 and 3 L options	5, 10, 12, 18 and 25 L options
Timer	0 to 15 mins	0 to 99 mins
VWR catalogue number	75845-604	10811-208
Prices from	\$48.48	\$1,762.45




* Supplied without blocks. Please order separately.

** Supplied with 1 bottle of M2 general purpose detergent.

Shakers

2
year warranty




- PSU-10i* › Orbital benchtop platform shaker. Max capacity 3kg, 10mm orbit.
- PSU-20i* › Multi-functional orbital benchtop multi-platform shaker. Max capacity 8kg, 20mm orbit.
- PMS-1000i › Variable speed microplate shaker. 4 plate platform available.

	PSU-10i	PSU-20i	PMS-1000i
			
Speed	50 to 450 rpm	20 to 250 rpm	150 to 1200 rpm
Timer	1 min to 96 hrs		1 min to 23 hrs 59 mins
VWR catalogue number	89194-490	89194-492	89498-120
Prices from	\$1,353.71	\$3,277.45	\$1,040.30

Vortex mixers

2
year warranty



- PV-1 › Personal mini vortex mixer with a small footprint, for single tubes.
- V-32 › 32-socket universal platform for three tube sizes (16 x 1.5ml, 8 x 0.5ml, 8 x 0.2ml) included
- MPS-1 › High speed shaker / vortex mixer for plates, microtubes and tubes up to 50ml. Kit available, includes 4 additional inserts for various sized micro tubes or PCR plate. Inserts also available separately.

	PV-1	V-32	MPS-1
			
Speed	750 to 3000 rpm	500 to 3000 rpm	300 to 3200 rpm
Orbit	4 mm	2 mm	3 mm
VWR catalogue number	97025-568	97025-604	10218-582
Prices from	\$313.10	\$510.05	\$1,434.20

Stirrer / Stirrer hotplate

2
year warranty

- MMS-3000 › Compact magnetic stirrer for handling small volumes.
- MSH-300i › Digital magnetic hotplate stirrer. Supplied with stirring bar.

	MMS-3000	MSH-300i
		
Speed	0 to 3000 rpm	250 to 1250 rpm
Temperature range	-	+30 to 330°C
Stirring volume	20 L	
VWR catalogue number	89498-132	10809-110
Prices from	\$368.65	\$989.80





* Platforms sold separately.

Thermoshakers

2

year warranty

- PCMT* › Thermoshaker with cooling. Blocks available for microtubes and microplates.
- PHMT › Thermoshaker with blocks available for microtubes and microplates.
- PHMP › Thermoshaker for 2 or 4 microplates. 3 options available.
- TS-DW › Deep well plate thermoshaker with a choice of interchangeable profiled blocks.




	PCMT series	PHMT series	PHMP series	TS-DW
				
Shaking speed	250 to 1400 rpm	250 to 1400 rpm	250 to 1200 rpm	250 to 1400 rpm
Temperature setting range	+4 to 100°C	+25 to 100°C	+25 to 100°C	+25 to 100°C
VWR catalogue number	89498-106	80076-377	97025-552	10809-092
Prices from	\$1,929.10	\$2,186.65	\$2,393.70	\$1,873.55

Dry blocks for heating and cooling

2

year warranty

- PCH SERIES › Dry block heating systems for rapid heating and cooling of microtubes.





	PCH-1	PCH-2	PCH-3
			
Temperature range	-10 to 100°C		
Stability	± 0.1°C		
Capacity	12 x 1.5 mm or 20 x 0.5 ml	20 x 1.5 ml	20 x 2.0 ml
VWR catalogue number	97025-548	97025-550	89402-936
Prices from	\$2,080.60	\$2,080.60	\$2,080.60

Centrifuges and combined vortex mixer / centrifuges

2

year warranty

- LMC* › Low speed ambient benchtop centrifuge with interchangeable rotors for 15ml tubes, 50ml tubes and microplates.
- PCV SERIES › Choice of 2 combined centrifuge / vortex mixers.
- MICROSPIN12 › High-speed microcentrifuge supplied with rotor for 12 x 1.5/2ml microtubes and adapters for 0.5ml and 0.2ml tubes.
- CVP-2 › All-in-one PCR plate centrifuge / vortex mixer.

	LMC	PCV	MICROSPIN 12	CVP-2
				
Speed	100 to 3000 rpm	1000 to 6000 rpm	100 to 14,500 rpm	250 to 1400 rpm
VWR catalogue number	89194-510	80076-360	89402-942	10809-038
Prices from	\$2,449.25	\$732.25	\$1,616.00	\$1,893.75




* Supplied without rotor. Must order separately.

Rockers and rotators

2

year warranty

- PTR 25* › 360° vertical mini rotator with a choice of 3 platforms for tubes up to 50ml.
- PTR 35* › 360° vertical multifunction rotator with a choice of 6 platforms for tubes up to 50ml and plates.
- PTR 60* › 360° vertical multifunction rotator with a choice of 3 platforms for tubes up to 50ml.



	PTR 25	PTR 35	PTR 60
			
Variable speed	5 to 30 rpm	1 to 100 rpm	
Max tube capacity	22 tubes	26 tubes	48 tubes
Timer, with automatic switch-off	1 min to 24 hrs		
VWR catalogue number	89402-918	89194-476	80076-370
Prices from	\$676.70	\$1,040.30	\$1,979.60

2D Platform rockers

2

year warranty

- PMR-30 › Fixed tilt platform rocker. Supplied with non slip mat.
- PMR-100 › Adjustable tilt platform rocker. Supplied with non slip mat.



	PMR-30	PMR-100
		
Variable Speed (oscill/min)	5 to 30	1 to 99
Fixed tilt angle	7°	10°
Maximum load	0.5 kg	5 kg
VWR catalogue number	97025-556	89402-920
Prices from	\$727.20	\$1,979.60

3D Platform rockers

2

year warranty

- PS-3D › Fixed tilt 3D rocker. Supplied with non slip mat.
- PS-M3D › Multi-function 3D rocker. Supplied with non slip mat.

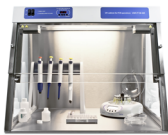


	PS-3D	PS-M3D
		
Speed	5 to 60 rpm	1 to 100 rpm
Orbital diameter	-	22 mm
Platform dims (working area)	210 x 210 mm	
VWR catalogue number	97025-564	80076-382
Prices from	\$565.60	\$1,373.60

* Supplied with platform for tubes up to 15ml.

PCR UV cabinets

2
year warranty



- UVC/T-M-AR** › Stainless steel UV cabinet designed for clean operation with DNA samples available with either access port or internal socket.
- UVT-B-AR** › Economy benchtop UV cabinet for protection during DNA / RNA procedure available with either access port or internal socket.
- UVT-S-AR** › Large capacity double PCR stainless steel UV cabinet with 3 internal power sockets.

	UVC/T-M-AR	UVT-B-AR	UVT-S-AR
			
Construction	Stainless steel frame and working area		
Panels	Glass with UV-protective film		
Internal working area	650 x 475 mm	650 x 475 mm	1200 x 520 mm
UV	Built in UV bactericidal cleaner recirculator and UV surface irradiation		
VWR catalogue number	10117-478	10117-476	10117-482
Prices from	\$3974.35	\$3,277.45	\$6,090.30



Orbital shaker incubators

2
year warranty


- ES-20*** › Compact orbital benchtop shaker-incubator. A choice of 5 platforms available.
- ES-80*** › Orbital shaker-incubator ideal for vigorous or even mixing and incubation of samples. A choice of 5 platforms available.

	ES-20	ES-80
		
Temperature setting range	+25 to 42°C	+25 to 80°C
Orbit	10 mm	20 mm
VWR catalogue number	10127-586	
Prices from	\$3,090.60	\$

Application specific products

INSPISSATOR	TEMPERATURE GRADIENT PLATE
	
Convenient and effective inspissator for use in the preparation of TB culture medium, designed to produce large batches of uniform tuberculosis culture medium for up to six times per day.	Highly efficient bi-directional temperature gradient system for investigating responses to temperature shifts of seeds, small plants insects, mirco-organisms or any small component or material.

* Supplied without platform / trays. Must order separately.



1.800.932.5000 | VWR.COM

Prices and product details are current when published and subject to change without notice. | Certain products may be limited by federal, state, provincial, or local regulations. | VWR, part of Avantor, makes no claims or warranties concerning sustainable/green products. Any claims concerning sustainable/green products are the sole claims of the manufacturer and not those of VWR International, LLC and/or Avantor, Inc. or affiliates. All prices are in US dollars unless otherwise noted. Offers valid in US, void where prohibited by law or company policy, while supplies last. | Trademarks are owned by Avantor, Inc. or its affiliates, unless otherwise noted. | Visit vwr.com to view our privacy policy, trademark owners, and additional disclaimers. © 2019 Avantor, Inc. All rights reserved.