



# Rowe Scientific PTY LTD

SCIENTIFIC SUPPLIERS

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Company  
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LIC 10372  
SAI Global

## NEWSLETTER

DECEMBER 2010 - JANUARY 2011

## Season Greetings!

As we draw to the close of 2010, we would like to THANK YOU for your support during the year. We hope we have kept you well supplied with your scientific product requirements.

A reminder that whilst we will be running a skeleton crew over the Christmas period, you are advised to get your orders in early as many freight companies will be running lean if not closed.

In the meantime please stay safe and have a phenomenal season break and New Year! And, in the great Aussie tradition, dust off those bikinis and speedos ... you only have a few weeks left to get into shape for your boxing day beach cricket test!



Ref: [www.nicholsoncartoons.com.au](http://www.nicholsoncartoons.com.au)

### Clever Person Quiz

Q: Why do we associate foaming with cleanliness for dishwashing detergents?

### Did you Know?

(Answer to last edition's clever person quiz)

Q: Butyric acid is a foul-smelling chemical contained in many rancid foodstuffs. Where did its name come from?

A: Butyric acid derives its name from butter, believe it or not, as it is the pungent smell that it gives off when it goes rancid.

### Saying of the Month

I wish we could put up some of the Christmas spirit in jars and open a jar of it every month.

~Harlan Miller



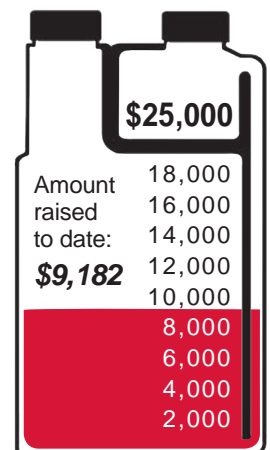
## ROYAL FLYING DOCTOR SERVICE

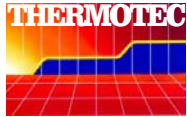
Your purchases of Quantumclean, and pH buffers in the unique Rowe twin head bottles, will automatically result in \$2 per item being sent to the RFDS to support this great Australian institution.

Rowe Codes:

Quantumclean, CQ1050, CQ1000, CQ1100.

pH Buffers: CB3515, CB3115 and CB2660





2000 SERIES

Laboratory Drying Ovens



IO1292	MODEL 2050	- Capacity 50 litres
IO1295	MODEL 2100	- Capacity 100 litres
IO1268	MODEL 2150	- Capacity 150 litres
IO1095	MODEL 2200	- Capacity 200 litres
IO1057	MODEL 2300	- Capacity 300 litres
IO1081	MODEL 2400	- Capacity 400 litres
IO18821	MODEL 2800	- Capacity 800 litres
TBA	MODEL 2900	- Capacity 1000 litres

*These ovens offer enhanced flexibility and precision performance at the touch of a button.*

FEATURES:

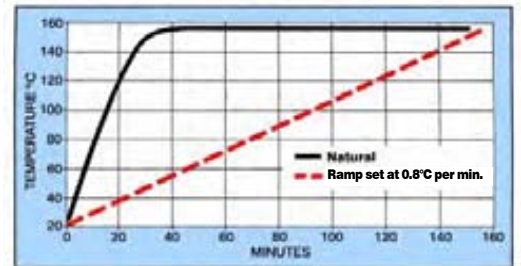
- Attractive, easy to use ergonomic design.
- Temperature Range Ambient +5°C to 300°C with selectable heating ramp rate.
- Flexible, accurate and repeatable performance.

Offering the laboratory professional programmable precision performance, the Contherm Thermotec 2000 Series Ovens achieve consistent temperature control over the range of ambient +5°C to 260°C nominal. Operation to 300°C is possible within a programme but if continuous use at these temperatures is envisaged, the HD Variants are recommended. The UD Variants offer safe drying of water-saturated material such as aggregates or herbage. In these models, spillage containment is achieved by the specially configured interior well during the evaporative process.



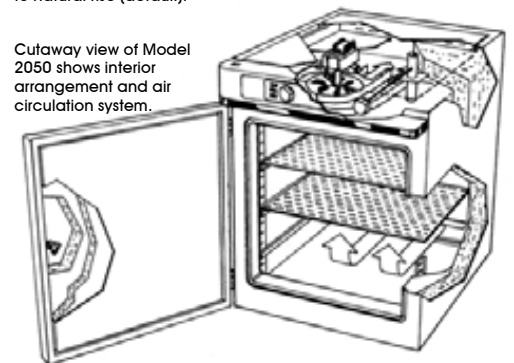
Model 2150

Rapid and continuous drying is achieved by the introduction of warm, dry air. These economically-priced units have been designed to provide a quality production drying/curing and sterilising capability. All models feature an attractive corrosion resistant finish on steel exteriors with rounded corners to enhance user-friendliness and safety. 50mm of specialised insulation surrounds the stainless steel interiors and doors. Positionable perforated stainless steel shelves are also included. True one-pass air circulation and heating is provided by fan and finned element combinations, controlled by the proven Contherm ZP21 micro-processor-based system. With an easy-to-set and read LED display, the system offers programmable and steady-state operation. In addition, the microprocessor is EEROM backed to retain set-points during power failures. Triple-glazed viewing windows in doors are an attractive option, with interior illumination allowing the visual monitoring of contents without interruption of the chamber environment. The compression door catch and hinge system ensures leak-proof sealing and cabinet compliance with set points and safety standards even at maximum temperatures. The Contherm Thermotec 2000 Series Ovens provide the user with maximum performance and reliability, assuring consistent and repeatable results. Manufactured in a quality production environment, these units are built to AS/NZS3350 standards.



Graph shows temperature ramp set at 0.8°C per minute compared to natural rise (default).

Cutaway view of Model 2050 shows interior arrangement and air circulation system.



More technical information is available from the Contherm Techspec Library. Refer to our website for current information. The words 'Contherm' and 'Biocell' are the property of Contherm Scientific Ltd. †Warranty covers components and labour for 1 year. Full warranty applies only with regard to published pricelist. The information contained in this brochure is correct at time of printing but is subject to change without notice.

Manufactured by **CONTHERM SCIENTIFIC LTD**, 27 Cornish St, Petone, PO Box 30-605 Lower Hutt, New Zealand. Tel: +64-4-568 8034 Fax: +64-4-568 8095. Email: contherm@xtra.co.nz Website: www.contherm.com



Some conditions apply†

Specifications

MODEL	2050	2100	2150	2200	2300	2400	2800	2900
Capacity	50 litres	100 litres	150 litres	200 litres	300 litres	400 litres	800 litres	1000 litres
External Dimensions (mm)	Height	655	770	855	915	1215	1515	1550
	Width	520	590	675	785	785	785	1330
	Depth	540	645	685	720	720	825	985
Internal Dimensions (mm)	Height	335	500	580	640	940	1200	1200
	Width	385	455	540	650	650	1150	1150
	Depth	340	440	485	505	505	540	700
Shelves Supplied	2	3	3	3	4	5	5	5
Load: Watts	700W	900W	1100W	1350W	1600W	1850W	4200W*	5200W*
Net Weight	40kg	59kg	68kg	86kg	108kg	117kg	275kg	300kg
Packed Weight	46kg	64kg	73kg	95kg	120kg	130kg	300kg	325kg
Timer Range	1 minute to 99hrs 59 mins or continuous							
Air Exchange Rate	*Typically 25 litres. per min. at 105°C vent open (2300 quoted); 140 litres with Option B							
Temperature Range	Ambient +5°C to 260°C continuous (300°C intermittent)							
Temporal Variation	±0.3°C (unloaded at 105°C)						±0.5°C	
Spatial Variation	±2.5°C (unloaded at 105°C)						±3.5°C	
Options available: (Caution: some options may alter specifications)	Tri-Panel window and light		- Option W †		Castors		- Option X	
	High Temperature Variant		- Option HD †		Ultra Drying Variant		- Option UD	
	Earth Leakage C/B		- Option E		Cable Tube (10mm.)		- Option Y0	
	Cable Port (40mm.)		- Option YZ					
Power Supply	230 - 240Volt 50Hz 10Amp Grounded Supply						25Amp*	30Amp*

\*Crossflow models. No power plug supplied.

All testing performed with the vent closed

†N.B. The element wattage increases with Option HD and Option W.

More Information Required?

If you would like further information on any of the products featured in this edition, please contact your nearest Rowe Scientific Pty Ltd office.



## Leading water testing and analysis products for the laboratory and field

Hach DR/890 Colorimeter combines ease of use with high testing capabilities and field readiness

- The DR/890 Colorimeter tests for 90+ methods with automatic wavelength detection
- Ready-to-use out of the box
- Easy-to-use software, preprogrammed methods, and prepared reagents
- Datalogging capabilities
- Readout in concentration, ABS, and %T
- Dustproof, waterproof, shockproof, and worry free

Also available DR/820, DR/850

## MILLEX SYRINGE FILTERS & MEMBRANES FOR MANY APPLICATIONS



- Sample Preparation for Chromatography
- Automation compatible filters
- High Particulate/Viscous filtration
- Laboratory filtration
- Sterile filtration
- Vent/Gas filters



## Quickly and conveniently capture spilled mercury beads!



MERCURY COLLECTOR HC0500

- Lid features 'absorbent' foam pad on interior surface.
- Replacement foam pad available.
- Dispose of mercury by approved method.

Special price **\$40.00** plus GST with the purchase of any thermometer. (Normally 58.72 +GST)

In case of a mercury spill, remove the lid and press the pad on the inside of the lid firmly into the spilled mercury.

The pressure results in the pad taking up the mercury, becoming saturated with the metal. Replace the mercury laden lid on the jar. A perforated plate in the jar is pressed up against the mercury-filled pad, and the mercury is released into the jar. Dimensions: 105 x 48mm O.D. (4-1/8" x 1.9") high.



## GLASSWARE SPECIALS

We're overstocked with Beakers, Conical/Erlenmeyer Flasks and Desiccators.



Rowe Code	BEAKERS	Lots of 12	Lots of 24	Lots of 36
GB1677	50mL Low Form	\$2.20	\$1.99	\$1.89
GB1830	100mL Low Form <b>170 Only</b>	\$2.20	\$1.99	\$1.89
GB1887	150mL Low Form	\$2.20	\$1.99	\$1.89
GB2057	250mL Low Form	\$2.45	\$2.20	\$2.09
GB2227	400mL Low Form	\$3.15	\$2.84	\$2.69
GB2427	600mL Low Form <b>65 Only</b>	\$3.65	\$3.29	\$3.13
GB2625	1L Low Form	\$6.70	\$6.03	\$5.73
GB3357	150mL Tall Form	\$2.35	\$2.12	\$2.00
GB3607	400mL Tall Form	\$3.45	\$3.11	\$2.95
Bulk Buy		Lots of 24	Lots of 36	Lots of 48
GB3237	100mL Tall Form Beaker	\$2.15	\$1.94	\$1.84

Rowe Code	FLASKS	Lots of 6	Lots of 12	Lots of 18
GF1987	300mL Narrow Neck Erlenmeyer	\$3.89	\$3.50	\$3.33
GF2817	250mL Wide Neck Erlenmeyer	\$3.65	\$3.29	\$3.12
GF2907	500mL Wide Neck Erlenmeyer	\$5.31	\$4.78	\$4.54
Bulk Buy		Lots of 24	Lots of 36	Lots of 48
GF1607	50mL Wide Neck Erlenmeyer	\$2.18	\$1.97	\$1.86
GF1727	100mL Narrow Neck Erlenmeyer	\$2.60	\$2.34	\$2.22

Rowe Code	DESICCATORS All with ceramic plate	Each
GD1207	200mm DIA. Desiccator with knobbed lid	\$99.00
GD1057	150mm DIA. Desiccator with stopcock lid	\$149.00
GD1077	210mm DIA. Desiccator with stopcock lid	\$169.00

Dear Clients, Greetings from the South Australian office.



Doug McPhee  
Adelaide

Well, Christmas is almost upon us and I will take the opportunity to thank all clients for their support this year. We wish you and your families a safe and happy Christmas.

Our office will be manned over the Christmas period for any emergency supplies, but courier companies quite often work "skeleton staff" over the period so we would encourage you to make sure you have enough stock prior to Christmas. Daniel Spano has joined us in internal sales. He comes to us with over 10 years laboratory experience a South Australian winery and is a welcome addition to our team.

Almost all laboratories will have a need for filtration products. To meet this requirement we are an authorised distributor for Millipore who manufacture filters for many applications. Millipore have a comprehensive range of Water Purification Systems as well. Please contact us for any Millipore requirement you may have.

All the best from, Doug, Steve, Kate, Mark, Michael and Daniel.

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Dear Clients,



Yvonne Dive  
Brisbane

Another busy year has passed us by. All of us at Rowe Scientific wish you and your families a happy yuletide and good health and success for the year ahead. Thank you for your support throughout the year, it has been a pleasure to serve you, and we look forward to another fruitful year in 2011.

Remember: We are only closed for the public holidays over the Christmas/New Year period and we will have a skeleton staff on hand to take your calls. Have you ordered those consumables you will need for the December/January period?

Cheers from the Queensland team: Yvonne Dive, Brian Connolly, Martin Bullock, John DeRuyter, Brian Bishop, Leon Dive, Sean Wyatt, Josephine Cabagui.

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roweqld@rowe.com.au

Dear Clients,



Henk Wipprecht  
Hobart

Greetings from the Tasmanian office. We would like to wish all of our clients and their family a safe and happy holiday season. Our office will be open throughout the Christmas break. Some Manufacturers and Courier companies may be closed so it is best to get orders in early December to avoid running out. I would like to thank all of you for the great support we have received from New and Existing clients, emphasizing that we are here at Rowe to help you.

The new 2010/2011 Hach Master catalogue will be handed out to all Water quality/ Environmental clients shortly. We have also received the latest Millipore/ Kartell catalogues. Please feel free to register your interest for a copy with Henk or John.

We are Distributors for the full range of Motic microscopes and digital camera's offering a 5 year microscope Warranty. Please call us for a demonstration or if you have any Microscopy need, we are also able to assist you.

Merry Christmas and Best Wishes for 2011 from, Henk and John.

**HOBART**  
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Derwent Park, Hobart,  
Tasmania, 7009  
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rowetas@rowe.com.au

Dear Clients



Garry Wrede  
Melbourne

Christmas and New Year greetings to all our customers from the Victorian team. Please join me in welcoming Michael Chand to the Melbourne band of merry men – Michael has joined the "ops" team looking after the warehousing and assisting with logistics. In our quest to provide quicker and more efficient service, we are currently doubling our storage capacity with the addition of more racking and shelving, which should all be in place by Christmas.

Considering titration equipment? We offer the Mettler range of titrators, coupled with a full range of reagents, chemical solutions and standards to assist in making your life easier.

To ensure your uninterrupted supply, Rowe Scientific operates through the holiday break, albeit with a skeleton staff. As most manufacturers are closed over this period please place your stock orders as soon as possible.

Wishing all a safe, happy and prosperous 2011. Your Team in Victoria Garry, Joe, Farhad, Mango, Nic and Michael

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rowevic@rowe.com.au

WA News (Reg's Column)



Reg Rowe  
Perth

Dear Clients,

I suspect that other organizations are also coping with staff being away, associated with the next generation of Australians. Thanks for putting up with our poor service recently. Some of you will have been visited by our working holiday employee from VELP in Italy. Our Steve Gill (Adelaide office) and Leon Dive (Brisbane office) will be going to Milan in a week, for training on Velp's new technology nitrogen analyser for food protein.

We wish you and your families all the best for Christmas. You will have received your 2011 wall planner by now. Please note that we send Easter cards, in lieu of Christmas cards.

Kind regards, Reg Rowe and Staff.

**PERTH**  
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Fax: +61 (08) 9302 1905  
rowewa@rowe.com.au

Dear Clients,



Troy Boland  
Sydney

With the festive season only around the corner we would like to wish you and your families a Merry Christmas and a happy and safe New Year. We thank you for your business throughout 2010 and we look forward to being of service to you in 2011.

The 2011 Rowe Scientific wall planner and Vintage Price List is now available so if you haven't received one in the mail don't hesitate to contact the Sydney Office and request one.

I'd like to remind all of our clients to stock up on their critical laboratory reagents and equipment to avoid Christmas freight service disruptions.

Merry Christmas from the NSW team: Troy, Kendall and Adam.

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