



# ROWE SCIENTIFIC

PTY LTD ABN 63 009 437 790

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A Proudly 100% Australian owned company, servicing the Scientific community since 1987

October - November 2014

## NEWSLETTER

### Client of the Month



Osmoflo is the largest Australian owned desalination and water recycling company. Operating to world standards we are a market leader in reverse osmosis desalination technology. Osmoflo's capabilities stem from our beginnings in 1991 as a designer and fabricator of medical equipment requiring precision, innovation and reliability. This has been built on over the years and now provides us with capabilities to deliver fast, full support service with flexible solutions.

The privately owned company has delivered over 340 projects here and overseas, with 130 long-term operation and maintenance agreements. We have a workforce of 220 people located throughout a network of offices in all mainland Australian capital cities, Chile, Dubai and India.

In February 2011 Marubeni Corporation of Japan acquired a 40% share of the Osmoflo business. The investment by Marubeni shows confidence in the future of Osmoflo, positioning it as its strategic partner for desalination and industrial water treatment projects internationally as well as in Australia.

While the focus of our business is providing technological services in design, engineering, operations and maintenance; we also have a large 18,000m<sup>2</sup> fabrication facility in Burton, South Australia with 5,000m<sup>2</sup> undercover.

Winners are chosen by our computer on a random basis. The prize is the client's choice of \$100 worth of laboratory items from a supplied list.

### Clever Person Quiz

**Q:** Which aqueous solution would be a better conductor of electricity; 0.1M potassium chloride or 0.1M sodium chloride?

### Did you Know?

(Answer to last edition's clever person quiz)

**Q:** Why do icebergs float?

**A:** Thanks to Dr Marcus Richardson, PhD who sent his answer below:

Ice floats because at the equilibrium temperature of the ice/water equilibrium water is denser than ice. The reason is that the liquid water has more hydrogen bonds between the water molecules than can be accommodated in the crystal structure of ice, and this results in the water being denser than the ice.

If ice did not float, life on Earth as we know it would be impossible.

Ice forming at the air/water interface on lakes and the sea would sink to the bottom and remain there unmelted, so these bodies would ultimately freeze solid or at the most only have a relatively thin layer of liquid on the surface. This liquid layer would also be highly salty in the case of oceans.

It is very unusual that a solid has a lower density than the liquid from which it freezes. Water shares this property with bismuth, antimony, germanium and gallium

### Saying of the Month

In questions of science, the authority of a thousand is not worth the humble reasoning of a single individual.

Galileo

### Come see us at ...



### AIOH2014 - 32nd Annual Conference & Exhibition

#### When

Paul Murphy of Rowe Scientific Pty Ltd will be available at stand 27 in the exhibition hall. December 1 - 3, 2014 from 07:00 to 14:00 Eastern Australia Time.

#### Where

Pullman Melbourne Albert Park  
65 Queens Road, Melbourne, Victoria 3004

The Australian Institute of Occupational Hygienists annual conference and exhibition is the premier event for occupational hygienists in the SE Asian region. It is an international conference which promotes the science and practice of protecting worker health.

The conference brings together researchers, practitioners, regulators and those people interested in occupational hygiene, to discuss issues that affect health at work.

The venue for the conference is the Pullman Melbourne Albert Park. The venue is world class and offers outstanding facilities to stage the conference and trade exhibition.

### PROUDLY SUPPORTING THE ROYAL FLYING DOCTOR SERVICE OF AUSTRALIA



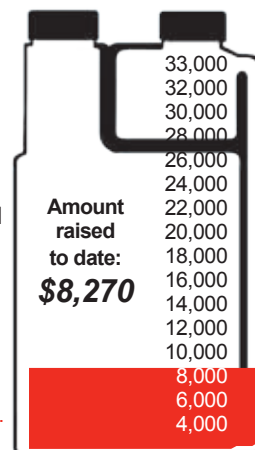
Your purchases of Quantumclean, and pH buffers in the unique Rowe twin head bottles, will result in \$2 per item being sent to the RFDS to support this great Australian institution.

Rowe Codes:

Quantumclean CQ1050, CQ1000, CQ1100.

pH Buffers CB3515, CB3115, CB2660

2015 TARGET  
\$33,000



# NEW VALOR 4000 COMPACT BENCH SCALES

*Durable scale for wet and dry applications*



**\$506.00** + GST  
List \$550 + GST



**Rowe Code IB7108**  
6kg x 2.0g readability.  
Fully submersible,  
stainless steel body.

**OFFER ENDS  
30 NOVEMBER  
2014**

- Flow Thru™ design with IPX8 rating protects scale from water damage
- Touchless Tare sensor
- Knife proof overlay prevents damage from sharp objects
- 50 hour internal rechargeable battery included
- Displays results in less than half a second
- Large front and rear LED displays
- Pan size 190 x 242 mm

**Contact your local Rowe Scientific office to find out more.**

## Vacuum Desiccators

*All Tarsons\* Vacuum Desiccators feature:*

- A flat-top dome lid to maximise interior space.
- An O-ring to provide tight seal.
- A desiccator plate included.
- Premium light-weight plastic material.

\* ISO Accredited Company

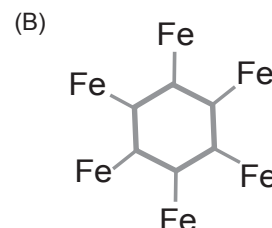
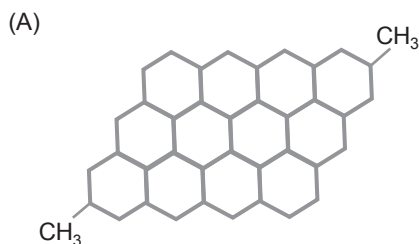


*Offer expires 31 December 2014. Contact your local Rowe Scientific office to find out more.*

ROWE CODE	<b>PD1452</b> list \$139.32	<b>PD1471</b> list \$191.16	<b>PD1475</b> list \$271.53
Size	200mm	250mm	300mm
Flange O.D. of base	230mm	275mm	335mm
Inside Diameter	198mm	240mm	296mm
P.P. plate O.D.	188mm	229mm	290mm
Total Height	255mm	310mm	383mm

## STRUCTURAL FORMULAE FUN ...

WHAT IS THE NAME FOR EACH OF THE FOLLOWING COMPOUNDS



Answers in next newsletter

### 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.



**Rowe Scientific** PTY LTD  
For accuracy and professionalism



**ADELAIDE**  
08 8186 0523  
rowesa@rowe.com.au

**BRISBANE**  
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**HOBART**  
03 6272 0661  
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**MELBOURNE**  
03 9701 7077  
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**PERTH**  
08 9302 1911  
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**SYDNEY**  
02 9603 1205  
rowensw@rowe.com.au

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REF 320

## MICROFILTRATION

Special prices on leading brand syringe filters and membranes listed below. Be quick, offer valid only while stocks last. If you don't find what you're seeking here please contact your local Rowe Scientific office to find out more about the entire range.



CODE	DESCRIPTION	QTY AVL	PACK SIZE	LIST PRICE	SPECIAL PRICE
FF7729	FILTER SYRINGE 30mm 5.0 MICRON NYLON (ECONOFIL)	10	100	\$340.98	\$230.00
FF7535	FILTER SYRINGE 26mm GLASS FIBRE PRE-FILTER MINISART GF SARTORIUS	10	50	\$129.02	\$112.00
FF7500	FILTER SYRINGE 25mm 0.22 MICRON ACETATE STERILE CAMEO 25AS	1	50	\$266.17	\$100.00
FF7519	FILTER SYRINGE 13mm 0.45 MICRON PTFE NON-STERILE IC-CERTIFIED	1	100	\$291.27	\$257.00
FF4208	FILTER MEMBRANE 47mm 0.45 MICRON CELLULOSE NITRATE GRIDDED STERILE	3	100	\$158.48	\$105.00
FF7722	FILTER SYRINGE 30mm 0.45MICRON NYLON CAMEO 30N	2	500	\$980.83	\$449.10
FF42981	MEMBRANE FILTER 25mm 3 MICRON MIXED CELLULOSE ESTER	1	100	\$146.00	\$116.25
FF6775	MEMBRANE FILTER PTFE 10 MICRON 47mm	16	100	\$559.00	\$276.00
FF5019	MEMBRANE FILTER 47mm 0.8 MICRON WHITE GRIDDED MCE	2	100	\$188.87	\$167.00
FF4252	MEMBRANE FILTER WHITE GRIDDED 47mm 0.45um CELLULOSE NITRATE	1	100	\$179.55	\$158.00
FF5145	MEMBRANE FILTER 47mm 0.45 MICRON PTFE	6	100	\$639.11	\$424.94
FF1009	MEMBRANE FILTER 82mm 0.22um NITROCELLULOSE SUPPORTED TRANSFER(WP2HY08250)	1	50	\$237.18	\$157.70
FF4311	MEMBRANE FILTER POLYCARBONATE 25mm 0.8 MICRON	3	100	\$150.27	\$99.91
FF4700	MEMBRANE FILTER 47mm 0.65 MICRON CELLULOSE ACETATE	1	100	\$211.84	\$140.85
FU1035	FILTER UNIT STERICUP 250mL 0.45 MICRON PVDF DURAPORE	4	12	\$123.69	\$116.25

Prices do not include GST and only while stock lasts. We reserve the right to change specifications, details and descriptions without notice. Pictures for illustrative purposes only. Discounts do not apply to service, freight and or repair charges.

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ALL PRICES DO NOT INCLUDE GST AND ONLY WHILE STOCKS LAST

Dear Clients,

Greetings from the South Australian office.



I have recently finished trips to the Barossa Valley and Riverland and I have seen the grape vines beginning to bud up again and get green. This means another Vintage is upon us and we are working on Edition 10 of our Vintage Price List that will be with all of you shortly.

Christmas, as I am told, is fast approaching which means it is time to start thinking about making sure you are stocked up to see you through the silly season. Many manufacturers shut down over the Christmas period, as do freight companies, so it is time to start planning for it.

I would like to also remind you we are an official distributor for the complete range of Hach Water Analysis products who have a test kit or an instrument for any application. Please contact our office if you would like more information.

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

#### ADELAIDE

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Lonsdale, SA 5160  
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rowesa@rowe.com.au



Dear Clients,

The year is flashing past and there is still so much to accomplish before the end of the year is upon us.

We continue to review the stock set points in our Brisbane warehouse and if there are any laboratory products which are critical to your operation, then please speak with our sales team to discuss your needs.

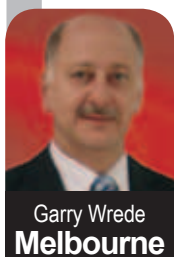
Reminder: There has been a good response to our Centurion Centrifuge range and budget savings are to be made, so please contact our team for assistance with identifying a suitable model for your needs.

From the Queensland team,

Yvonne, Martin, Brian, Sean, Josephine, Leon, Sean, John, Steve and Adam.

#### BRISBANE

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SumnerPark, QLD 4074  
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roweqld@rowe.com.au



Dear Clients,

Well into spring now and heading towards summer, people seem generally to have recovered from shifting to AED time here in Victoria. Adam and Brian in our warehouse are enjoying unloading container loads of plasticware into our new facility here in Doveton, before repacking it and despatching to both our external and internal customers across Australia.

For the next couple of months we are promoting TPS and Hach instruments as well as Centurion centrifuges plus plastic ware and chromatography products. Please keep a look out for Carl and Emma's specials they send to you regularly, they are guaranteed to save you money.

....and remember ... at Rowe Scientific if we don't have it, we will find it for you! Looking forward to hearing from you.

Your team in Victoria,

Garry, Joe, Mango, Nic, Daniel, Adam and Brian

#### MELBOURNE

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Doveton, VIC 3177  
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rowevic@rowe.com.au



Dear Clients,

It's Warm in the West

And as the temperature rises so is business confidence, as we all look forward to an improvement in our trading areas. The days are counting down we will soon be shopping for Christmas, BUT DON'T WAIT, we are ready to assist you with the tools you need to get the job done.

Padma Vara, who many of you would have spoken to in the last months, has become full time in our internal sales team.

Padma has a Science Degree and brings with him knowledge of our local production, so can help you find the "solution" you need.

I am still getting out to meet with you, our valued customers, so hope to see you soon.

Peter Sommers and Staff

#### PERTH

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Wangara WA 6065  
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Fax: +61 (08) 9302 1905  
rowewa@rowe.com.au



Dear Clients,

Greetings from the NSW office. In the last couple months we have been kept very busy with your requests and we thank you for your continued support. We have some great specials going on at the moment. Are you in the market for spectrophotometer or some HACH analytical test kits? We currently have two (2) HACH DR2700 spectrophotometers available at a fantastic price of \$4180.00. They include the instrument/procedure manual, protective cover, various adapters and power supply and 1 inch matched glass sample cells. Get in quick before the stock goes.

Also don't forget that Rowe Scientific manufacture their own Buffers in unique twin neck bottles. These bottles have a dual compartment to aid in contamination protection. Also for every buffer purchased in the Rowe twin neck bottle, \$2.00 is donated to the Royal Flying Doctors service. Please help us support this great Australian service.

All the best from the NSW team.

Troy, Kendall, Adam, Ken and Rodney.

#### SYDNEY

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