ROWE SCIENTIFIC PTY LTD ABN 63 009 437 790
ADELAIDE - BRISBANE - HOBART - MELBOURNE - PERTH - SYDNEY

NEWSLETTER
MAY-JUNE 2017

QUOTE OF THE MONTH

> *"The physical chemists never use their eyes and are most lamentably lacking in chemical culture. It is essential to cast out from our midst, root and branch, this physical element and return to our laboratories."*
>
> *Henry Edward Armstrong*
>
> *'Ionomania in Extremis', Chemistry and Industry (1936), 14, 917.*
>
> *Science quotes on: Research (441)*

CLIENT OF THE MONTH: TORBRECK VINTNERS

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.

From Torbreck Winery:

"Founded in 1994, Torbreck Vintners was born out of a philosophy of gaining access to the incredible dry grown, old vine Shiraz vineyards that surround the Barossa Valley.

Securing these vineyards initially involved share farming the property, a practice which involves paying the owner a percentage of the market rate for their grapes in return for totally managing the vineyard. This share-farming principle along with owning some of the most highly prized vineyards is the key to the Torbreck brands incredible international success; enabling us to use fruit from the very best vineyards in the Barossa Valley, which is home to some of the oldest, most precious vines in the world.

The Torbreck label today is still based around the classic Barossa Valley varietals of Shiraz, Grenache and Mataro, and a love for the wines of France's Rhone Valley and whilst the brand specialises in making red wines, white varieties Viognier, Marsanne and Roussanne are also planted on our descendant vineyard, which are then blended into a classic Rhone style. In 2008, Torbeck was purchased by Pete Kight, injecting well needed capital into the brand to enable our vision of 100 per cent estate produced and bottled wine to come to life.

Shortly after Kight's purchase, the vision was realised when a new winery and administration facility was opened on land acquired from a neighbour. The facility today enables Torbrecks grapes to be handpicked, vinified into wine using the best available equipment, matured in temperature controlled cellars and then bottled 'on the estate', using a state of the art bottling line, before then being shipped internationally to some of the world's finest restaurants, wine bars and retailers."

Congratulations from all of us at Rowe Scientific, and thank you for your business.

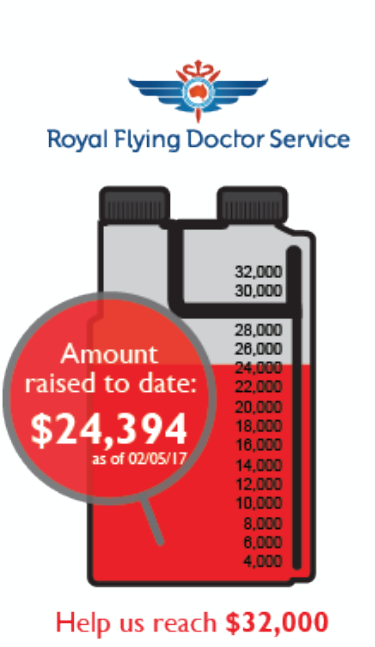
CLEVER PERSON'S QUIZ

Question:
Which letter has been recently removed from the periodic table?

Did you know?
(The answer to last quiz)
Which tend to be more abundant, elements with an odd or even atomic number?

Answer:
Elements with an even atomic number are more abundant than elements with an odd atomic number in a quirk known as the Oddo–Harkins rule. This can be theorised to be due to elements that have one unpaired proton being more likely to capture another during formation.

SUPPORTING THE RFDS



Help us reach **$32,000** in the 2016-17 Financial Year!

Every purchase of Rowe Quantumclean (CQ1050, CQ1000, CQ1100) and pH buffers (CB3515, CB3115, CB2660) in the unique twin neck bottles, results in a $2.00 per item donation to the Royal Flying Doctor Service.

GRIFFITH UNIVERSITY (QUEENSLAND) ROWE SCIENTIFIC CHEMISTRY SCHOLARSHIP

Congratulations to Ms Emma Klepzig, the 2017 recipient of the Rowe Scientific Chemistry Scholarship at Griffith University.

In Emma's words;

"I have long held a passion for science and have thoroughly enjoyed completing a double major in Forensic Science at Griffith University. Last year I was fortunate to receive a scholarship opportunity where I interned as a research assistant with Griffith University's Institute for Drug Discovery, where I gained valuable experience working in a research laboratory group focusing on structural chemistry.

With the assistance of the Rowe Scientific Chemistry Scholarship, I am able to focus more completely on my studies through my final year and explore various opportunities in post graduate studies, including pursuing honours studies and also opportunities to work in research laboratories overseas, which I would have struggled to do without the assistance of the scholarship."

Best wishes Emma,

From the Rowe Scientific Australian staff, and especially the Queensland staff.

Ms Emma Klepzig

ASPIRING TEACHER RECEIVES NEW SCIENCE SCHOLARSHIP

Our congratulations to Ms Ellen McGuigan, winner of Rowe Scientific Chemistry Scholarship at the University of the Sunshine Coast .

University of the Sunshine Coast (Queensland) media release (March 2017) as follows:

Ms Ellen McGuigan

"A former Monto schoolgirl in the final year of her combined Education/Science degree at the University of the Sunshine Coast is the inaugural recipient of the Rowe Scientific Chemistry Scholarship.

Ellen McGuigan, 20, now of Sippy Downs, has received the $5,000 scholarship to assist with her education and living expenses as she pursues her goal of becoming a science teacher in a rural or remote area.

The scholarship, provided by Australian scientific laboratories supplier Rowe Scientific Pty Ltd, is awarded to a USC undergraduate majoring in Chemistry.

"I'm passionate about teaching in rural and remote areas where resources are limited and children may be disadvantaged," she said.

"This scholarship will be a great help with the costs of my final teaching prac, which I hope will be in remote north Queensland.

I come from a farm environment and I'd love to teach other rural kids about chemistry and how it's relevant to their lives. Chemistry is not just periodic tables – there's the whole environmental side of it, from studying soil to renewable energy."

Ms McGuigan graduated from Monto State High School in 2013 and enrolled at USC's Sippy Downs campus straight after achieving her OP5.

She received a $20,000 Tim Fairfax Regional Scholarship in her first year at USC. The award recognises high academic achievement and leadership skills in first-year students who have to leave their regional or remote home towns to study at university.

"I'm grateful for both scholarships because I'm the first person in my extended family to go to university, and the whole experience is new to us – including the costs," she said. "Having that funding for resources and living expenses has really helped me to succeed."

Ms McGuigan, who is minoring in English, said she chose USC for its atmosphere and focus on building relationships between students and academics.

"I study Education, so I know how important these relationships are. I didn't want to be just another number."

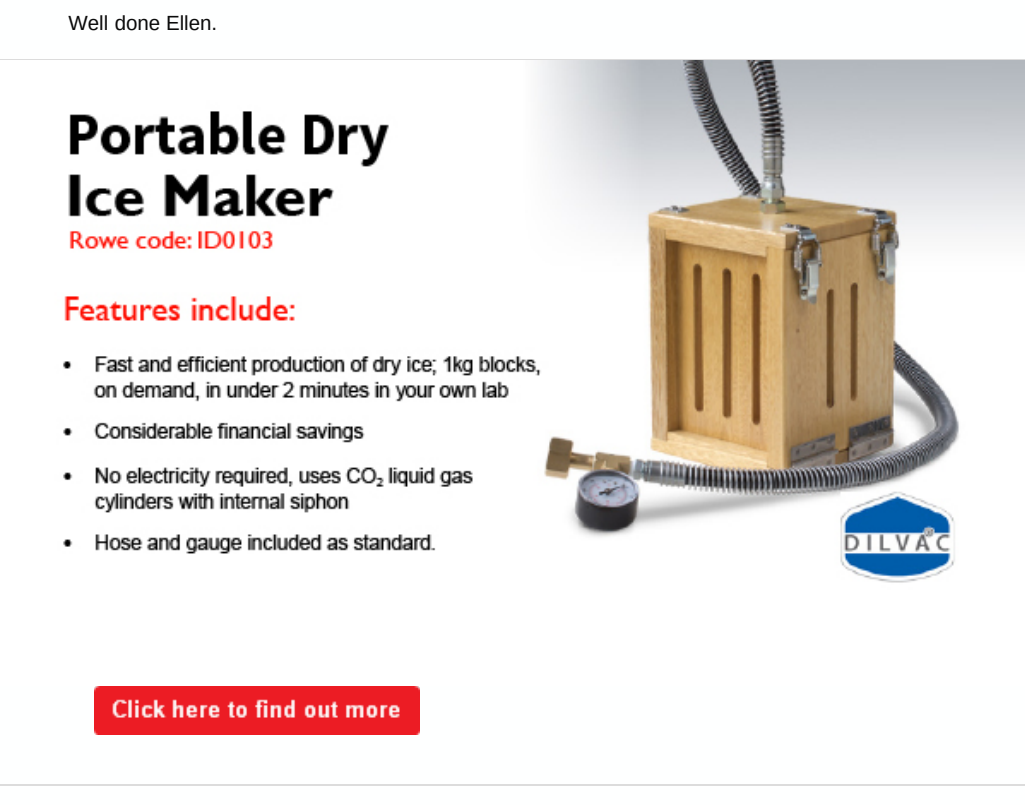
She said practical placements at schools in Caloundra and Gladstone as part of her USC degree had confirmed her ambitions.

"I chose a career in teaching because it provides challenges, excitement, personal reward and a chance to help people achieve their goals," she said.

"It's not only a door to engaging the minds of the younger generation, but a chance to learn new things myself every day." "

From all of us here at Rowe Scientific,

Well done Ellen.


Portable Dry Ice Maker
Rowe code: ID0103
Features include:
- Fast and efficient production of dry ice; 1kg blocks, on demand, in under 2 minutes in your own lab
- Considerable financial savings
- No electricity required, uses CO_2 liquid gas cylinders with internal siphon
- Hose and gauge included as standard.

Click here to find out more

VICTORIA UNIVERSITY ROWE SCIENTIFIC SCHOLAR

Congratulations to Ms Kristine Figuero, the Rowe Scientific Scholar for 2017.

Ms Kristine Figuero

In Kristine's words;

"I am very interested in pursuing a career as an Analytical Chemist with specialisation in Pharmaceutical/Forensic Chemistry. I want to broaden my scientific knowledge by taking Biotechnology so I can work with various scientists from other fields of science such as Nutrition, Genetics, Microbiology, Sports and Environmental Science.

I have always been curious about how the world works and I have always been fascinated with Chemistry the most as a child. I love reading about inventions and famous scientists which prompted me to aspire to be one as well.

I found my passion for Chemistry growing up so I studied Bachelor of Science at VU. I want to work as an Analytical Chemist in a large-scale lab facility focusing on Workplace & Sports Drug Testing and other fields involving Analytical Chemistry. I am planning to come back to VU and get a PhD in Chemistry after working 5-6 years in the industry."

From all of us here at Rowe Scientific,

Well done Kristine.

MONASH UNIVERSITY ROWE SCIENTIFIC CHEMISTRY SCHOLARSHIPS

Our congratulations to Ms Danielle Christie and Mr Joel Syphers, winners of Rowe Scientific Chemistry Scholarships for 2016, at Monash University.

Danielle Christie

Danielle moved to Melbourne from Echuca to study at Monash University. She is studying a major in chemistry and is particularly passionate about practical chemistry, receiving an award as one of the top 10 students in synthetic chemistry. Danielle spent six months in the laboratories at GSK where she completed a number of training courses and won several awards, an experience that confirmed that her future lies in chemistry.

Ms Danielle Christie

Joel Syphers

Mr Joel Syphers

Joel is studying for an extended major in chemistry. Joel's passion for chemistry has seen him move to Melbourne from Albury. Joel particularly enjoys chemistry research and is taking an undergraduate research unit this year. He plans to take honours chemistry next year and is looking forward to commencing his PhD in chemistry and then following a career in a chemistry research role.

DILVAC
Glass Dewar Flasks in stainless steel containers
200mL to 10L sizes

Click here for further information

UNIVERSITY OF WOLLONGONG ROWE SCIENTIFIC CHEMISTRY SCHOLARSHIP

Our congratulations to Mr Timothy O'Shea, the current recipient of the Rowe Scientific Chemistry Scholarship, at the University of Wollongong.

Mr O'Shea at the "workface".

In Tim's words;

"I am very honoured to be awarded the 2017 Rowe Scientific Chemistry Scholarship.

During the first two years of my Bachelor of Medicinal Chemistry (Honours) (Dean's Scholar) degree, I have developed an interest in how medicinal chemistry can explain the causes of disease, as well as provide potential cures for those diseases.

The Molecular Horizons research facility is a new initiative to be built at UOW in the coming years, and the 2017 Rowe Scientific Chemistry Scholarship has fuelled my desire to pursue research in medicinal chemistry in the future, perhaps as a member of this flagship institute."

From all of us here at Rowe Scientific,

Well done Tim.

SCIENCE TEACHERS' ASSOCIATION OF VICTORIA INC. (STAV) SCIENCE TALENT SEARCH

Ms Caitlin Marinis

Rowe Scientific Pty Ltd is pleased to be a supporter of the Science Teachers' Association of Victoria's "Science Talent Search" (STS), by way of student prizes and bursaries.

One of the many recipients in the recent STS was Ms Caitlin Marinis of Avila College, Mt Waverley (Melbourne), Victoria.

Caitlin's research project investigated student heart rate as a function of exercise type, and fitness level. Her work showed a good understanding of controlled and independent variables in research experiment design. Well done Caitlin (and her exercising colleagues).

SCIENCE TEACHERS' ASSOCIATION OF NORTHERN TERRITORY (STANT) YOUNG SCIENTIST'S AWARDS 2016

Rowe Scientific Pty Ltd are pleased to have been partial sponsors of the Science Teachers' Association of Northern Territory's Young Scientist's Awards in Darwin in late 2016 (along with BHP Billiton and CSIRO). Details of the winners are shown in the following four photographs.

Rowe Scientific Middle Years Award – Darwin High School

Lachlan Anderson and Julie Locke
(Darwin Middle School)

The award was given to the middle school that demonstrated high quality scientific entries for the Years 7 to 9 Year group.

Hotly contested between Darwin Middle School, Taminmin College and The Essington School, Darwin.

Practical Investigation, Student Directed for Years 7 to 9 Students

Place Getters

First Place
Georgia Campbell (Taminmin College) Using sugar, dish washing liquid, aluminium foil and air as an insulator, which insulates hot water the best.

Second Place
Kimberly Doukas (Taminmin College)

Third place
Lucy Drayton (Taminmin College)

Georgia Campbell, Kimberly Doukas, Lucy Drayton
(Practical Investigation Student Directed Years 7 – 9)

Practical Investigation – Student Directed for Years 10 to 12 Students.

Dannika Walsh, Ayesha Dohnt, Ava Wilmore
(Practical Investigation Student Directed Year 10 – 12)

Place Getters

First Place
Dannika Walsh (Casuarina Senior College) Investigate the effect of inhibitors (green and black tea) on the activity of Lipase.

Second Place
Ayesha Dohnt (Casuarina Senior College) The effect of different types and amounts of sugar on carbon dioxide production through anaerobic respiration of yeast.

Third Place
Ava Wilmore (Darwin High School) Investigation of the effect of shift work through reaction rates on Air Traffic Controllers at Darwin International Airport.

Commendation
Shenelie Silva (Casuarina Senior College) (absent from photo) Effect of cleaning agents (eucalyptus oil, Dettol, Glenn 20, ethanol 70% and manual cleaning with a tissue) on the growth of bacteria found on mobile phones and to identify common bacteria types.

Rowe Scientific Senior Years Award, – Darwin High School

The awards were given to the senior school that demonstrated high quality scientific entries for the Years 10 to 12 Year group.

Hotly contested between Darwin High school, Casuarina Senior College and Taminmin College.

Mitchell Northcote, Kerry Innes, Aidan Fong
(Darwin High School)

FLOATING LABORATORIES: A ROWE SCIENTIFIC SUCCESS STORY

In mid-March our Service Manager, Brett Maconachie, returned from Geoje island, South Korea , having spent 2 weeks split between the Samsung and Daewoo shipyards. The purpose of his visit was to coordinate installation of 50+ laboratory instruments aboard 2 vessels under construction onsite. The first vessel was a Central Production Facility (CPF) and the second a Floating Production Storage and Offtake (FPSO). Both vessels will be moved to the Ichthys gas field off North West Western Australia where Inpex will supply to the international market.

LEAP OF FAITH

In early 2013 Rowe Scientific established a relationship with a company based in Busan, South Korea. That company specialised in ship fitouts, in particular laboratories, galleys, laundries etc and were seeking assistance from an Australian scientific supplier to help equip the laboratories on each vessel. At that time Brett had only recently started with Rowe Scientific, but in a great leap of faith, was handed the projects by Reg Rowe, Managing Director. Brett coordinated project requirements with all parties involved to formulate quotations and timelines for the supply of both low and high end instruments plus general laboratory supplies. Considerations for power supplies, specialist gases, waste and ventilation all needed to be factored in to the design of the laboratories. Brett and his team exchanged hundreds (he claims thousands. Editor) of emails, specifications, manuals and spare parts lists with stakeholders in order to have the labs designed and constructed to meet the end-users requirements.

SETTING SAIL

Building a ship doesn't happen overnight, so as time passed so did the life of some of the originally specified instruments. Updates needed to be communicated so that cost and design changes could be incorporated into the overall project. This process was ongoing for months until mid-2015, when Rowe Scientific received its first official order for instruments required on the CPF. (Brett recalls the day vividly because he received the order on the Friday, immediately prior to his departure on a four week holiday to the US. He smiled broadly and handed it to a colleague asking him to commence all the back end procurement processes. Editor) The procurement process involves cataloguing and ordering hundreds of items, then managing the supply and logistics into our warehouse. Due to the depth of support and multitasking skills of Rowe Scientific staff, this occurred seamlessly and without affecting our normal business operations.

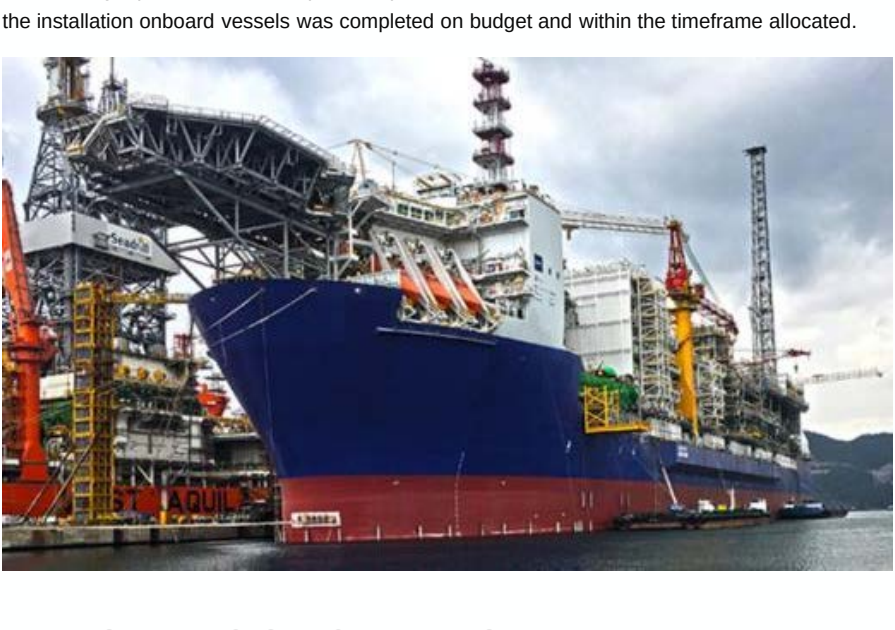
At around the same time we were asked to produce a plan to IQ/OQ/PQ the high end instruments in Perth so that their performance could be confirmed before shipping to South Korea. Tentative plans and budgets were prepared but the program did not proceed due to time constraints.

Rowe Scientific and our South Korean partner, along with international freight forwarders worked closely to consolidate and co-ordinate the CPF shipments to Geoje Island, ever mindful of the mixture of DG and non-DG goods. All items for the CPF were delivered in full and on time as agreed.

ROUND TWO

In 2016 Rowe Scientific received a new official order for the FPSO project and repeated the entire process, albeit on a larger scale. As before, Rowe Scientific staff, suppliers and business partners worked cooperatively to fulfil and deliver the requirements of that order to South Korea in full and on time.

In December 2016 we were asked to arrange the onsite installation and qualification of (IQ/OQ/PQ) of the high end instruments for the CPF and FPSO projects. This needed to occur during a 2 week window specified by Inpex. With scheduled sail away dates for both vessels now in place, effective planning and communication was paramount. Many hours were spent on scheduled conference calls to South Korea involving major stakeholder representatives. The installation window drifted a little (pardon the nautical term. Editor) due to other construction issues. Brett co-ordinated all the necessary engineering team, from Australia and South Korea to be available for the 2 week window. From March 6 -18 seven engineers plus Brett worked to install and commission over 50 instruments. As befitting to a project of this scale and complexity, coordinated sign off was required by Rowe Scientific, the installing engineer, Inpex and Daewoo or Samsung representatives. Despite multiple onsite issues outside of Rowe Scientific's control, the installation onboard vessels was completed on budget and within the timeframe allocated.



BRETT'S FUN FACTS ABOUT THE VISIT

- Samsung Heavy Industries (SHI) and Daewoo Shipbuilding and Marine Engineering (DSME) shipyards both produce around 50 – 70 ships per year each. At any given time there are dozens of vessels partially constructed at their docks. Ships are single, double and triple berthed against a single dock position.
- SHI yard has around 30,000 staff onsite every day. (No, not a typo, thirty thousand. Editor) the logistics of that alone is staggering. Travel around the yards is by onsite bus services.
- Approximately 60% of welding at SHI is done by robots. Minor sections are welded together to get larger pieces. Once a piece is of a certain size the surrounding construction building is moved out of the way. Yes, some construction sheds (approx. 60 x150m are on rails) are moved aside so the big cranes can pick up the pieces. The largest overhead crane capacity is 900 tonnes and each yard would have at least a dozen of this size.
- The elevator to get to the working level of the CPF held about 150 people. (200 at lunch time it seemed!) There were two lifts of this size for this vessel. No problem if you were a little claustrophobic; you could take the 180 steps instead. I did a couple of times (downwards) because I didn't want to wait in the queue.
- I'm told both vessels are designed to continue working during a 1-in-200 year storm. I'd prefer not to see that thank you.
- I was not allowed to take any photos at either ship yard. All phones and tablets had tamper proof stickers placed over the cameras as you entered the site each day. Supposedly the device was checked on the way out and if sticker removal was evident then the device was confiscated.

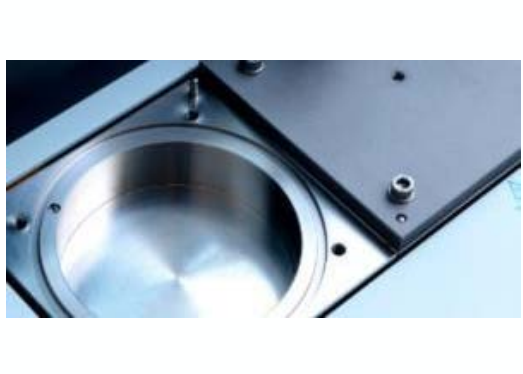
To all of our supporting staff, project partners and suppliers who helped with these projects, a very big thank you.

To all of our customers, please be assured that at Rowe Scientific we can help with your needs no matter how big or small. From the supply of a single bottle of buffer right through to a major supply and installation project anywhere in the world.

The Ichthys Explorer is towed away from Samsung Heavy Industry's Geoje shipyard, bound for Australia.

BEST BEFORE...

The Oxitest Method for the determination of oxidation stability of food fats and oils



The Oxitest Method is an internationally recognised analytical technique for the determination of oxidation stability of food, fats and oils.

Every food, feed and other product containing lipids (creams, lip balms, body lotions, wax etc...) undergoes oxidation of the contained fat portion, which causes unpleasant flavour, bad smell and the loss of its natural sensorial qualities.

Many factors have influence on lipid oxidation (and in the shelf life of the sample) such as ambient temperature, exposure to heat, the composition of fatty acids and its degree of saturation, the concentration of oxygen etc.

Especially for food industries, the prediction of stability to oxidation of raw material and finished products is crucial information with many operational and economic implications.

The stability tests performed with the Oxitest reactor accelerate the oxidation process that in normal conditions can last weeks or months and provides fast, accurate and reliable results.

The Oxitest Method has been recognised as an AOCS (American Oil Chemists' Society) International Standard Procedure (Cd 12c-16) for the determination of oxidation stability of food, fats and oil. Effective from May 2017, it will be published in the 7th Edition of the Official Methods and Recommended Practices of the AOCS.

This is the latest development in a long collaboration between VELP Scientifica, research centres, universities and laboratories from all over the world for developing the instrument and method and tailoring it to their needs.

The Oxitest reactor subjects the sample to a high-oxidative stress environment in order to evaluate, in a short period of time, the resistance to fat oxidation.

With the Oxitest Method, the stability test is performed directly on the sample as is, be it solid, liquid or doughy.

The method's key advantage is that preliminary fat extraction is never required and this guarantees representative results.

In fact, other components of a product like chemical oxidants or transition metals can promote oxidation and the use of extracted matter may not be a suitable predictor of stability.

THE OXITEST REACTOR

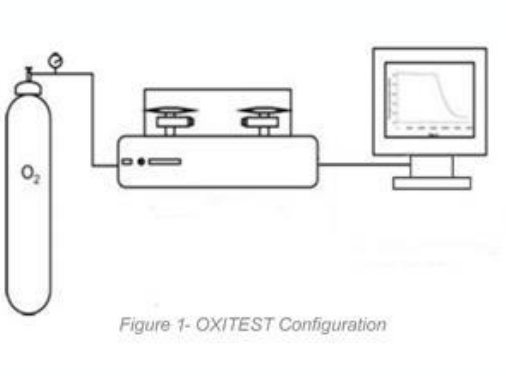


Figure 1- OXITEST Configuration

The OXITEST reactor is entirely controlled via PC through the intuitive OXISoft™ software. For set- up of the analysis, the reactor needs to be connected to Oxygen (Grade 5.0) as shown in figure 1.

The instrument features two temperature regulated and hermetically sealed titanium chambers in which oxygen is purged until the pressure within both chambers is between 0–8 bar. The temperature is then set to the desired level (room temp. to 110 °C).

The Oxitest measures the absolute pressure change inside the two chambers, monitoring the oxygen uptake of the active components of the samples, and automatically generates a value expressed in time, called the Induction Period (IP). The longer the IP, the more resistant a sample is to oxidation over the life of the sample.

The information provided by the Oxitest method along with other tests (i.e. microbial analysis, peroxide values etc.) are crucial for shelf life study of products.

The Oxitest comes with several pre-installed methods and it is also possible to create your own customised analysis.

The OXISoft™ software manages all the analysis steps and easily provides valuable data to enable researchers to:

- Estimate shelf-life by testing the sample at different temperatures and elaborating an experimental curve that predicts the behavior at room temperature
- Study oxidation at different storage time intervals
- Evaluate the adequacy of storage conditions
- Evaluate the best packaging solution
- Compare the oxidative stability of different formulas for food preparations
- Evaluate the oxidative stability of vegetable oils of different botanical origin
- Evaluate the effectiveness of antioxidants
- Control the quality of incoming raw materials and outgoing finished products.

Click here to view the video

STATE NEWS

NEW SOUTH WALES

Dear Clients,

As the business continues to grow in NSW, we are investing in additional resources to ensure we maintain the service levels which have contributed to our growth in the first instance.

Kathryn Butcher recently joined the NSW team as a Customer Service representative and many of you have no doubt spoken with Kathryn or exchanged emails in recent weeks. Kathryn holds a degree in Environmental Science and has several years customer service experience in a retail role.

Her appointment is further testament to our commitment to continue to invest in building resources to further support the growing base of Rowe Scientific clients in NSW.

If you are disappointed with the service from your existing scientific supplier, tired of extended lead times for routine items and frustrated by ever increasing delivery charges then we invite you to contact any member of our NSW team and discover some good old fashioned customer service.

We look forward to your call and to assisting you with your routine and not so routine inquiries.

All the best from:
Allan, John, Kathryn, Kendall, Ken and Rodney.

QUEENSLAND

Dear Clients,

The past three months have whizzed by and thanks to you our clients, we have all been kept very busy.

We thank you for your continued support and encourage you to use our website to place online orders and to review your regularly purchased products.

Currently we are promoting several products which represent excellent cost savings for your lab budget:

- Merck Karl-Fischer Reagents for testing water content
- Velp Oxitest Oxidation Stability Reactor should you need to test the shelf life of your products.

Please call our team members for assistance and additional information.

Cheers from the Queensland team:
Yvonne, Martin, Brian, Sean, Josephine, Leon, John, Steve, Adam and Colin.

SOUTH AUSTRALIA & NORTHERN TERRITORY

Dear Clients,

Greetings from the South Australian office.

The heat and more so the humidity of this summer has now passed and we enter Autumn and will see all the wonderful colour changes in our parks and gardens.

We are now back to full strength in the SA Office after we have appointed Najed Alsamawy to fill our Internal Sales position. As this goes to print she is already calling and introducing herself to her clients and will be well equipped to assist you all with her Bachelor of Science from Flinders University.

I have heard from a lot of winery clients that grape Baume's were low this year but the quality was for the most part outstanding. Daniel and I will be looking forward to catching up with you all again once things return to normal for you.

As a reminder we are fully authorised Hach and Merck distributors. So if you have any water quality testing requirements or require any chemicals from the common to the uncommon we will have a solution for your needs.

All the best from:
Doug, Steve, Mark, Michael, Daniel, Paula, Goldy and Najed.

VICTORIA & TASMANIA

Dear Clients,

A wet and windy Autumnal period has dominated the recent days here in Victoria after having a most pleasant early season. Remember though that this means next spring is that much closer and other parts of Australia are still suffering the effects of a cyclonic irritation.

Now that the Federal budget looms let's hope for a brighter economic outlook both for the short and long term. To our Victorian and Tasmanian client base THANK YOU for your support. Both February and March were close to record sales months – please keep those orders flowing and we will continue doing our best to keep improving the service and reducing those leads times.

Specials for May – Ratek heated water baths, micro filtration – our pricing on membranes and syringe filters is very competitive – if you disagree let's hear from you, I am sure we will find a price to impress you. Another consignment of MMM Incubators and Ovens has just landed from Germany if you're quick we can get your name on one of these.

We are getting an increasing number of orders placed on the Website – the on-line ordering is designed to save you time, any suggestions to streamline the process even further will be most welcome.

Hope to hear from you soon.

From your team in Victoria,
Garry, Nic, Mango, Amanda, Adam and Brian

WESTERN AUSTRALIA

Dear Clients,

Welcome in the West where I am excited to tell you about two new additions to our team.

This edition comes courtesy of our new Newsletter Editor, Kon Koutroubas who joined us in February and has been generating some excellent communications collateral since. Kon has broad multimedia and graphic design skills.

In the Laboratory we welcome Stuart Glen who joined us last month. Stuart has a Bachelor of Science degree majoring in Applied Chemistry so is qualified to join our team of manufacturing chemists. With the ever increasing cost of labour and reducing operating expenses, if there is a product that is no longer economical for you to make yourselves, perhaps we can offer an economy of scale and provide it for you ready-to-use.

Please call me if you would like to discuss.

Regards
Peter Sommers and the West Australian Team

Email: NSW & ACT | QLD | SA & NT | VIC & TAS | WA

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www.rowe.com.au

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