



Rowe Scientific PTY LTD

SCIENTIFIC SUPPLIERS

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International Year of **CHEMISTRY 2011**

PROUD TO BE SILVER SPONSORS

AUGUST - SEPTEMBER 2011

NEWSLETTER

Client of the Month



CSBP Fertilisers manufacture, import and distribute phosphate, nitrogen and potassium based fertilisers in blended, compound and liquid form for the Western Australian agricultural sector.

CSBP also offers farmers a comprehensive soil and plant analysis service supported by the NUlogic interpretation model delivered by its network of staff and accredited partners in regional WA.

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.

THANK YOU

A Big THANK YOU to all clients who have helped us support the Royal Flying Doctors Service of Australia by purchasing Quantumclean, and pH buffers in the unique Rowe twin head bottles. \$2.00 is donated to the RFDS from each bottle sold, we have achieved a total donation of **\$23,222** for the 2011 financial year.

Rowe Scientific Pty Ltd continue to proudly support the Royal Flying Doctor Service of Australia

Clever Person Quiz

Q: Why don't we ever come across arsenic mines?

Did you Know?

(Answer to last edition's clever person quiz)

Q: What is the most intrinsically toxic element?

A: The most intrinsically toxic element is Thallium. Nonselective in its actions, it is known as the "poisoner's poison" and used to be known as "inheritance powder".

Saying of the Month

Research is to see what everybody else has seen, and to think what nobody else has thought.
- Albert Szent-Gyorgyi (1893-1986)

DID YOU SEE US AT...



Interwinery Analysis Group Seminar 29 July 2011

Doug McPhee and Daniel Spano from our Adelaide office were pleased to catch up with existing clients and meet some new faces. This is a fantastic annual event that we intend to continue supporting in future years. Thanks to all who visited our stand.

COME SEE US AT...



Combined Biological and Science Meeting (BSM) 2011 will be held at UWA University Club Crawley, Perth, WA on Friday 26 August. Visit us at stand 20.



CHEMECA 2011 will be held at the SYDNEY Hilton, NSW on the 18 - 21 September 2011. We invite you to visit us at stand number 3.



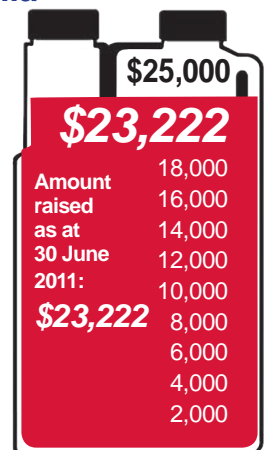
14th Australian Food Microbiology Conference 2nd IAFP Asia Pacific Symposium on Food Safety on: 26-28th September 2011 at the The Sebel Albert Park, MELBOURNE, VIC, Australia. Presented by: AIFST, ICMSF & IAFP. Hope to see you there.

Proudly supporting the Royal Flying Doctor Service of Australia



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





Balances to suit many applications



Explorer Pro Series

Features an ultra-simple and innovative user interface with on screen text prompts and scroll down menus. One-step operation guides you through Explorer Pro's application modes with a single button press. The high resolution display is easy to view and displays only the information you want to see.

Key Features include

RS232, full GLP data output, 7 different application modes, 16 weigh units and user selectable display settings. Optional features include AutoCal™ and approved models.

Analytical models have capacities from 65g to 210g and incorporate a large contoured weighing chamber for optimum draft protection. Precision models offer capacities from 210g to 32,000g with readability to 0.1g.

Innovative software is simple to use and easy to follow. The 3 application specific soft-keys allow direct access to features such as calibration, units, sample size and reference information at a touch of a button in a choice of 5 different operational languages.



Adventurer® Pro Analytical and Precision Balances

The OHAUS Adventurer Pro Series has established itself as the industry's most versatile balance. It counts, it sums, it holds and it delivers traceable results. No other balance in its class offers as many features in a compact design.

SmarText™ software utilizes a 2-line backlit LCD to easily guide users through balance set up, operation and application mode procedures by displaying critical information.

Analytical models have capacities from 65g to 260g and incorporate a frameless draftshield design for easy access and cleaning. Precision models offer capacities from 53g to 8100g.

Key Features include

RS232, full GLP/GMP data output, dynamic weighing and multiple weigh units.

Optional features include InCal™, USB, and trade approved models



Discovery Semi-Micro and Analytical Balances

The OHAUS Discovery series of semi-micro and analytical balances combine unmatched weighing performance with OHAUS' innovative SmarText™ software.

The Discovery features durable glass and steel construction and advanced AutoCal™ internal calibration.

SmarText™ Software guides users through application use and balance setup.

Best weighing performance in its price class.

Advanced AutoCal™ dual mass internal calibration which you would usually only expect to find only in premium-priced units.

Metal base and top housing, stainless steel pan, glass draftshield doors with sliding top door, replaceable in-user cover. Display 2-Line Liquid Crystal Display (LCD) with Backlight.

Glassware witeg GERMANY

Witeg has been manufactured in Germany for almost 40 years and represent a broad range of glassware products including volumetric glassware. The Witeg name today is one of the most familiar and respected in laboratories throughout the world.

Rowe Scientific Pty Ltd have a large range of Witeg product available to satisfy your needs.

- Volumetric Glassware
- Cylinders
- Flasks
- Beakers
- Pipettes
- Jointed Glassware
- Available with certification



Glen Creston Leaders in Size Reduction Equipment

Glen Creston manufacture and supply an extensive range of quality standard machines for grinding, mixing, crushing and dispersion applications. These machines are suitable for processing a wide range of materials such as chemicals, minerals, pharmaceuticals, soil, cement, coal, aggregates and agricultural products.



Cross Beater Mill

This compact yet powerful mill is designed for crushing and grinding all types of materials up to the medium-hard range within a variety of industries, including construction, environmental, mineral, chemical, agricultural and ceramic.

The mill is available with a variety of options including chamber and door linings in cast iron, chrome steel or stainless steel. Beater arms in cast iron or stainless steel and beater tips in chrome steel, stainless steel and low chrome.

Particularly suitable for: Chemicals, Soil, Coal, Plant materials, Grain, Glass, Fruit, Ceramics, Cement and Spices

Features include:

- Stand or bench mounted
- Simple Screen replacement
- Choice of liners/screens
- Adjustable beater tips
- Receptacle: 5 litres
- Brake motor
- Door lock safety feature

Gy-Ro Dish/Puck Mill

The Gy-Ro Mill has been designed with a unique mechanism enabling the optimum amplitude setting to be set for different materials.

Amplitude adjustment ensures the best possible results as it can be set to meet the special characteristics of the feed material and the fineness required.

The setting also controls the wear rate and consequent degree of contamination from the grinding dish.

Features include:

- Easy to operate
- Noise insulation
- Built-in timer
- Adjustable amplitude settings
- Accommodates a complete range of grinding dishes
- Short grinding time
- Minimal maintenance
- Overload relay
- Over safety switch
- Simple clamping device

McCrone Micronising Mill

The McCrone Micronising mill is widely acknowledge to be one of the most effective means of reducing sample to sub-micron sizes.

Suitable for X-Ray diffraction; X-Ray Fluorescence; Infra-Red Spectroscopy and Atomic Absorption.

Particularly suitable for Carbides, Nitrides, Borides, Cement, Clay, Shale, Mica and many other materials.

Features Include:

- Minimises sample damage and contamination
- Ensures narrow range, reproducible particle size
- Minimal maintenance
- Bench mounted
- Timer up to 30 minutes
- Choice of grinding elements
- Wet and dry grinding

Call Rowe Scientific Pty Ltd to discuss the ranges and models available.

PERIODIC TABLE OF THE ELEMENTS & THEIR ATOMS

KEY: METAL, NON-METAL, METALLOID, ALKALI METAL, TRANSITION METAL, POST-TRANSITION METAL, HALOGEN, NOBIL METAL, LANTHANIDE, ACTINIDE.

APPROXIMATE PERCENT IONIC CHARACTER OF A SINGLE CHEMICAL BOND

ROWE SCIENTIFIC PTY LTD
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Rowe Code: HC2011

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ROWE SCIENTIFIC PTY LTD PERIODIC TABLE

The Rowe Scientific Pty Ltd Periodic Table of the Elements is now available for sale. These are especially useful to tertiary and secondary education institutions or anyone with a general interest or passion in chemistry.

They are available in A4 size pads of 25 sheets, punched at the head.

Information used in the table has been compiled from existing data and IUPAC[®] (International Union of Pure and Applied Chemistry) published updates, together with the valued input from some chemistry educators.

NOTE: "We apologise for the error in Note 2. at the bottom of the Table, where 12C should read 12C."

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.

Greetings from the South Australian office.



Doug McPhee
Adelaide

As I type this for our newsletter, Daniel and I are preparing to attend the annual Interwinery Analysis Group meeting held in the Barossa Valley. We look forward to seeing many of you there.

Hach are manufacturers of a wide range of water analysis products. Their range includes Colorimeters, Spectrophotometers, Turbidimeters and Hand Held Meters with exclusive Intellical and Rugged range.

Witeg are a manufacturer of a diverse range of Glassware in Germany. Their range includes Volumetric Flasks and Pipettes, Measuring Cylinders as well as Liquid dispensing equipment. Being that they are German made the quality is outstanding and we have good stock in Australia. If you would like further information or a demonstration on any of the Hach or Witeg items please contact our office.

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

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Greetings from the Queensland Office.



Yvonne Dive
Brisbane

While it's been a bad year for Natural Disasters, our sporting teams are doing us proud, with the Qld Reds winning the Super Rugby (Union) Title, following on from the earlier successes of the Brisbane Roar (Football aka Soccer), the Qld. State of Origin Team (Rugby League) and the Qld Firebirds (Netball). Go Queenslanders!

Are you receiving our monthly Reorder and Specials Reports? If not, please contact the Office. For our newer clients, if you do not have a Web Login Code, please give us a call.

A reminder that the Brisbane Office will be closed on Wednesday 17 August, 2011, for the Brisbane Show Holiday.

Cheers from the Queensland Team: Yvonne Dive, Brian Connolly, Martin Bullock, John DeRuyter, Brian Bishop, Josephine Cabagui, Sean Wyatt, Gavin McDonald and Leon Dive

BRISBANE

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Dear Clients,



Henk Wipprecht
Hobart

Greetings from a rather "Cold" Tasmanian Office. Business was warm with a good result for the month of July. We thank you for all your support. Our warehouse holdings continue to grow, please advise us of any items you would like us to stock to eliminate freight & wait from the "Mainland".

REMINDERS: Need a "Special" chemical? Rowe Scientific has a manufacturing division in Perth run by a Chartered Chemist with years of experience in manufacturing and formulating solutions for client needs.

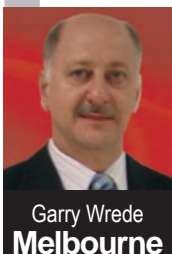
NEW PRODUCT: For those who do a lot of pipetting, take the opportunity to consider the latest release of the Rainin Pipet-Lite XLS. With volumes ranging from 0.1ul-20ml these pipettes feature Magnetic Assist Technology, eliminating hand fatigue. Please contact us for more information and prices.

Enjoy the cool Tasmanian weather for the coming months. Regards from Henk and John

HOBART

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rowetas@rowe.com.au

Dear Clients



Garry Wrede
Melbourne

Winter's almost over! It's time to come out of hibernation, put away those jumpers and gloves and greet the early morning sun rise.

Make the most of the August glassware, sieves and Ohaus specials, there's plenty to save and, like your birthday, it only happens once a year. We all know Mettler Toledo for their excellent weighing apparatus – BUT did you know that they offer one of the largest ranges of Automatic Titrators, as well as Bench top and portable pH and Conductivity meters? Their wide range of pH electrodes is incredible - micro probes, puncture probes, surface probesthe list goes on and on, call our office to find out more.

Finally, to help you keep your finger on the pulse, safely, we are offering Victoria a super special on Nitrile-Blue disposable gloves - \$7.90/box (minimum 10 boxes).

Looking forward to hearing from you, your Team in Victoria: Garry, Joe, Farhad, Mango, Nic and Adam

MELBOURNE

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rowevic@rowe.com.au

WA News (Reg's Column). Dear Clients,



Reg Rowe
Perth

This newsletter finds us in the mobile office in the Denham/ Shark Bay area, tracking down local scientists who work in the areas of water supply, fisheries, environment and conservation, and salt manufacture. One has to feel envious of people who are fortunate enough to work in this area of abundant wildlife (Francois Peron National Park), red sandhills contrasted against clean green vegetation, and sparking ever-changing blue oceans. While travelling through the NW of WA, one is constantly reassured of the "mantle of safety" in the form of the Royal Flying Doctor Service, thanks to the vision of John Flynn, of almost 100 years ago.

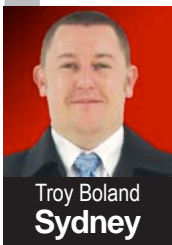
In answer to, "How is it possible for the MD of a national company to go visiting remote clients in the country?", it is because Rowe Scientific has professional and competent staff who can run the company without supervision.

Please ring the office in your state if you need anything scientific, Reg Rowe and Staff.

PERTH

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Dear Clients,



Troy Boland
Sydney

In the month of September (18th to 21st) we will be attending the CHEMECA 2011 Conference at the Hilton in Sydney. Please visit us at stand number 3 and have a chat and a look at the range of instruments and consumables that we will have on display.

If you have a requirement for pipettors we can offer the new and improved Rainin Pipet-Lite XLS from Mettler-Toledo. The single channel versions are available up to 20mL tip sizes. Also we are stocking the Scharlau range of HPLC solvents here in Sydney so if you require pricing don't hesitate to contact us.

All the best from the Sydney team, Troy, Kendall and Adam.

SYDNEY

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