

newport scientific

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news

# Upgrade

Your RVA-4 with  
New Software

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Now you can upgrade your RVA-4 with new Thermocline for Windows 3 (TCW3) software which features a tabbed interface, real time overlay of running and saved graphs, and single page interactive reporting.

TCW3 also complies with electronic records/electronic signatures (ER/ES) standards when implemented in a compliant Windows XP environment with security and backup options enabled. It has operational system checks, authority checks and device checks plus in-built controls to limit software access to authorised individuals only.

**Electronic record (ER)** is electronic data such as a text, graphics, data, audio, pictorial or other digital information that is created, modified, maintained, archived, retrieved or distributed by a computer system. It includes configuration data.

**Electronic signature (ES)** is the legal equivalent of a handwritten signature that identifies and binds the person signing.

## Compliance

With the TCW3 upgrade package, your RVA-4 will comply with United States FDA Regulation 21 CFR Part 11, which has been formulated to permit the widest possible use of computerised systems and to remove the need for paper systems. If you are operating in an FDA regulated environment, compliance with ER/ES is mandatory.

In Europe, your RVA will comply with Directive 1999/93/EC (EU) on e-signatures and voluntary accreditation of certification providers, Directive 91/356/EEC (EU) Annex 11 on computerised systems and the Electronics Communication Act (2000) UK on e-signatures.

## Traceability

If traceability is important in your manufacturing or research environment, then you will want to implement ER/ES.

### FIND OUT MORE

For further information regarding an upgrade, contact [support@newport.com.au](mailto:support@newport.com.au) and include your RVA-4 serial number.

### SITE LICENCES

Users with more than five RVA-4s are eligible for a site licence.

compliance  
traceability



**CALLING OLD RVAs**

*We are trying to trace the oldest RVA still in use.*

*If you think you may be in the running, please email Bronwyn Elliott, [bronwyn@newport.com.au](mailto:bronwyn@newport.com.au)*



*Jennifer Dang, Newport Scientific Research Scientist, presenting an RVA practical session at the recent workshop 'Understanding and Interpreting Instrumental Methods used for Wheat Quality Assessment' held at the Agricultural Research Institute, Wagga Wagga, Australia.*

**ERRATUM**

We apologise for an error in the caption of our 'On the road in India' story in the last issue. It should have read Kumkum Mittal and Ms Andriela Das of Biocon.

**TEAMWORK: In Thailand**

In 1994, the Thai Food and Chemicals Co. Ltd in Bangkok, already recognised for their expertise in food chemicals and ingredients, saw the opportunity to establish another company. The new enterprise, Charpa Techcenter Co. Ltd, was founded with a vision to distribute knowledge to the food technology, chemistry and environmental industries. The founders wanted it to be sustainably beneficial and a way for the private sector to contribute to national development in Thailand.

The company's name, 'Charpa', comes from the English alphabet beginnings of the founders' names: Dr Charanai Panichajakul; Mrs Phenporn Pongpuncharoen; and Mr Adisak Intapichet. 'Techcenter' embodies the company's commitment to facilitate knowledge transfer between researchers and academics and the food technology, chemistry and environment private sector.

Today, Mrs Phenporn is President of the Thai Food and Chemical Co. Ltd and Mr Adisak Intapichet is Charpa Managing Director. Assistant Managing Director and Product Manager is Ms Rattanan Pannarunotai. Rattanan leads a team of scientists and engineers in the sales and services department promoting and supporting Newport Scientific products throughout Thailand.

Charpa has been involved with Newport Scientific products for over 14 years and in that time has built up a large user base of RVAs. They can be found in universities and research institutes for food product research and development and in the rice milling industry for quality assessment of rice and rice products. The fastest developing market for the RVA in Thailand at present is in the extruded feed and aquafeed and snack foods markets.

Instrument sales and commercial activities are growing all the time and consequently there is an increasing emphasis on that aspect of the business. In keeping with its original philosophy, Charpa Techcenter uses part of its profits from instrument sales to support knowledge exchange between the research and private sectors. Activities include publishing the bimonthly *Charpa Magazine* (which will soon move to electronic format on the Charpa website), organising seminars and workshops (often free of charge to attendees), and providing technical training for college students in the food industry.

For more info visit the Charpa website: [www.charpa.co.th](http://www.charpa.co.th)

*From left: Thitima, Panjit, Sathit, Rattanan, Wimonrat, Piyawet, Mrs Phenporn, Mr Adisak, Naruporn, Pitchaya*

