

February 1, 2007

ADTOOL Product Update

Special Interest Articles:

- Adtool's new web site launch
- Zestron's new AC205 cleaning solution
- Fancort's new PCB storage solution
- New Product Line
- Metcal Tip Rebate
- February Specials
- Lead Free Update

Going To Apex?

Contact us for your personal demonstrations

Apex is around the corner

Our traditional migration to sunny California is upon us shortly. This year should prove to be interesting in beautiful downtown LA.

Here are a few show highlights of new products:



Booth 1336

NEW MK3.5 model with the lowest Nitrogen and electrical consumption! NEW Gen. 9 Flux Separation System provides Maintenance Free operation with Self Cleaning mode maximizes up-time and generates more revenue! 100% Forced Convection Reflow Soldering and Curing systems are Lead Free compliant and provides the best Delta T and lowest cost of ownership available. *2006 Frost & Sullivan Award.*



Booth 1815

Manufacture high-tech cleaning products for all applications. Examples are wipes for cleanrooms, GREEN MONSTER! ESD stencil wiping rolls, antistatic wipes, presaturated wipes, absorbent wipes, lint-free wipes, swabs, gloves, ESD wrist and shoe straps, garments and most other consumables.



Booth 1914

Spark 400 In-line Automated Multiprocess Assembly System is designed for assembling low-to-medium volume PCB lots, automatic mass rework and prototype assembly. Performs dispensing, placement and laser soldering. Recipient of SMT Vision Award in 2006 for our Dipping process for rework of fine pitch components without site cleaning.



Booth 1865

Along with their award winning MPC base cleaning technology, they will be presenting the latest in chemistries the AC205 based "FAST" cleaning chemistries. We urge you to drop in to learn about this break through in chemistries.



Booth 1437 Will be presenting their friendly stencil cleaner along with their bath concentration monitoring system for inline cleaners.



Booth 2557 Stop in to talk about your cleaning applications. Additionally, they will be presenting their new SAWS machine.



Drop in to see the latest in soldering and rework.



Have everything from adhesives to the latest in lead free solder pastes.



Will be presenting their RoHS XRF lead free testing machine along with their lead forming systems



Booth 2707 Koki will be present to discuss not only they tip saving solder wire but *generation 8* lead free solder paste.



Booth 1065

Drop for the latest on the dross eliminator (MS2).

Adtool Launches New Web Site

As of the 1st of February, we have begun the process of reformatting our web site after many years. Given the multitude of products we carry, it would be almost impossible to list everything. Aside from links to our suppliers, we are listing the most popular products along with new time and cost saving products including PDF literature.

Feedback from our customers is very important and we will try to incorporate their thoughts and feelings as we progress.

www.adtool.ca

Zestron Launches New Cleaning Chemistry

Side by side experiments completed in ZESTRON's Application Technology Center using inline and batch cleaning processes with the most popular solder pastes confirmed that FAST™ Technology products remove lead-free and eutectic flux residues twice as fast as regular surfactant formulas (Fig 1).

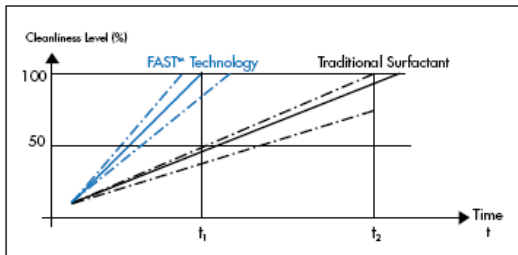


Fig. 1: Contaminant speed removal FAST™ Technology vs. traditional surfactant

“Based on a benchmarking of various cleaning chemistries for our cleaning process, ATRON® AC 205 outperformed all other cleaning agent tested.”
Michael Ma, Process Engineer, Creation Technologies Inc.

While regular surfactants are known to bond well to contaminants, FAST™ Technology cleaning agents require fewer bonding forces for the complete removal of all contaminants from electronic substrate surfaces. This ensures a

The FAST™ (Fast Acting Surfactant Technology) Technology is a brand-new innovation, based on a new patent pending surfactant cleaning technology was successfully released by ZESTRON's R&D department in November 2006.

The FAST™ Technology is built on a proprietary mix of surfactants and was developed over two years of extensive research and development effort which included a thorough market survey of customer needs and desires. This combination of surfactants allow FAST™ Technology cleaning agents such as ATRON® AC 205 to clean various inorganic residues including the latest lead-free and eutectic flux residues. Compared to standard surfactant based cleaning agents, this new technology allows for much shorter contact times and significantly improved cleaning performance when used in spray-in-air applications such as inline and batch cleaning processes.

“Our company has been known as the industry standard in terms of innovation and technical support, and we would like to keep it that way,”
said Dr. Harald Wack, Executive Vice President and CEO of ZESTRON America.

longer bath life (Fig. 2) associated with significantly reduced bath replacements, thereby resulting in considerably reduced operating costs. Furthermore, the stability of active ingredients in the FAST™ Technology result in a hands-off bath monitoring procedure. This new technology is based on very low solid content which in turn that guarantees a residue-free substrate as well as the absence of any scale build-up in the cleaning equipment.

Additionally, all FAST™ Technology cleaning agents have no flashpoint, low VOC content and are 100% RoHS & WEEE compliant.

Further details are available from your

Adtool representative

or by calling 1-800-361-6727



www.zestron.com



OKI have come out with some fabulous products recently. To really appreciate them, you have to try them out first hand. Adtool can arrange this with a personal demonstration.



Additionally, we hope that you are saving those tip coupons with the bar codes. They are worth money now! Some of our customers are even using the coupons to make a donation to their company's favourite charity. A complete explanation and form for the rebate program is available on our web site.

“Each package of
50 tips is worth
\$150 US”



fancort industries, inc.

Model 80 Cariall is now available with a transport cart

- Store up to 450 boards in a small amount of floor space
- Hold up to six Karry-All racks for horizontal transport.
- Designed to hold Model 80--18-2 Karry All
- Custom models available for larger boards
- Sturdy construction of tubular, plated steel
- Five inch diameter polyurethane casters and grounding chain.

New Product Line: Material handling, shelving, bin boxes & storage solutions.
SSI Schaefer www.ssi-schaefer.ca



Across Canada

PHONE:
(514) 482-2548
Toll Free:
1-800-361-6727

FAX:
(514) 482-2221

E-MAIL:
Sales@adtool.ca

Equipment & Supplies for
the Electronics Industry

Over 65 Years in Business!

We're on the Web!
See us at:
www.adtool.ca

Winter Deals for the Month of Feb – Mar '07

Winter 2007 Special

Weller WD1002

Regular: \$351.85 cdn

SALE: \$285.00 cdn PLUS 2 Free Tips!



Product Features:

New WP80 offers 80 watts of power with short tip-to-grip (52mm)
Barrel can be exchanged with optional longer version to work at standard length (65mm)
New WP80 has same performance characteristics as the WSP80
Perfect for Lead Free solder
Unique silver heater allows fast, efficient soldering
3 "radio buttons" allows pre-set of frequently used temp settings
Setback, lockout, temp. window, F/C switching, standby, auto-off time
Large high contrast LCD display displays more information at a glance
ESD safe to protect sensitive components



The response from our customers for this product has been unbelievable!

We are convinced that no one will pass the crude but extreme copper coupon test to this day. If you have not had a personal demonstration of this lead free wire, give a call and we will be happy to provide you with one.

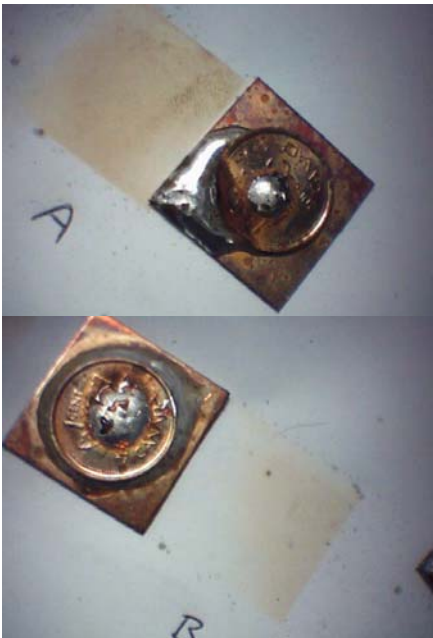
Test Observations

Brand A Lead Free:

- Flux splattering
- Over heating
- Lack of flow
- Erosion of soldering tip
- Erosion of any copper being soldered

Koki Lead Free:

- Almost no flux splattering
- Less heat is used
- No Spiking
- Flows all the way around penny
- Tip life is stable
- Ability to solder fine copper wire



And if you think this is incredible, wait until you see the paste!