



Highlights from Apex 2009

Not all of us go to the show and sometimes between the show and meetings some hot items are missed. For your reference, we have compiled further details on some of the hot topics and new products seen at last weeks show in Las Vegas.



Heller wins two awards for their new design!

For the 3rd year in a row, Heller has won the Frost Sullivan award for "Market Leadership".

In addition, they were presented with the Vision Award for "New Product Introduction".

Their new system the MKIII series features:

- 50% reduction in electrical consumption in comparison to previous models.
- 30% reduction in nitrogen consumption in comparison to previous models.
- New reflow zone design for tighter profiles.
- New cooling zones designs.



[Further details can be found here](#)



Products keep getting better and better with Zestron. This year they released the new N200 series of chemistries. Designed as a PH neutral chemistry for cleaning reflowed solder paste, the chemistry is well suited for products ill suited for traditional cleaning products which are alkaline.

Zestron have a variety of environmentally friendly chemistries (HMIS Rating of 0-0-0) available for:

- Inline & batch cleaning
- Stencil cleaning
- Under stencil wipe chemistries
- Oven and wave defluxing



[Further details can be found here](#)



High-Tech make clean room supplies as well as ESD safe understencil wiping rolls.

New this year, High-Tech have developed a new line of lint free wipes made of 100% recycled paper (including the box). They are also available as pre-saturated wipes. According to High-Tech, the friendly green "little one" is a great replacement for Kimberly Clarks' 34155. Please contact us if you would like to try any of the products out.

[Details can be found here](#)



BeamWorks manufactures selective soldering machines for through hole and SMT.

The Selectiva (formally Spark 100) has been redesigned and has a few new added features such as an automated hole / via generator to make assembly files for selective soldering. In addition, they have increased the laser diode power for faster soldering for thermally demanding applications such as lead free soldering.

Stay tuned for demonstrations this summer to be held in Toronto! [Details on the system can be found here.](#)

[Contact us](#) if you are interested in attending this summer.



KOKI

In their US distributor's booth, Koki were demonstrating their latest line up of lead free soldering products such as:

- 406L-3 series lead free paste with anti-pillowing and anti-voiding flux formula.
- N200 series leaded and lead free paste which can replace conformal coating.
- Lead free solder wire which reduces solder tip consumption by up to 50%.
- A new CD "The Secret is in the Chemistry" will be available shortly describing how solder defect are made. Contact us for your free CD.



[Further details on Koki is here](#)

Stoelting /



Have you got a simple inline cleaner with no chemistry section or possibly difficulty drying? Stoelting now have add on modules that can go upstream or down stream to enhance you systems' performance.

[Further details on Stoelting can be found here](#)



EasyBraid Co.

3D Solder Paste Inspection for under 40K?

Easy Braid presented their traditional products of desoldering and BGA inspection products. However, there was a new addition to their line up to include 2D and 3D solder paste inspection machines. The machines are available as a table top or complete inline.

[Contact us](#) for further details



MALCOMTECH INTERNATIONAL, INC. Process Control

On display were their complete line of analytical instruments and solder paste mixers. There were a lot of enquiries in wetting balance testers as well as the solder paste mixers which take refrigerated paste to room temperature in minutes.

[Contact us](#) for further details



BGA Reballing Anyone?

Did you know that aside from lead forming systems, one of the biggest enquires was for their BGA reballing machine? The machine re-balls any type of BGA using a series of vacuum templates. Place them in your reflow oven and voila! You have reconditioned BGA's.

Visit Hepco's web site for further details at <http://www.hepcoblue.com>

HITACHI
Inspire the Next

How Fast is Fast?

Hitachi High Tech were out in force explaining the differences between their GXH series and the next generation multichip placement machines. With a speed of 95,000 CPH, placing 01005—flip chips and connectors on the same machine is extraordinary. To make assembly even more versatile, they also offer a package on package (PoP) option.

[Contact us](#) for further details

Up Coming Events:

SMTA International Conference on Soldering & Reliability

May 19—22 Toronto, Ontario

BeamWorks Interactive Selective Soldering Demonstration

TBA - Tentative early summer at Adtool Toronto

Need further details? Please contact us anytime at 1-800-361-6727 or at sales@adtool.ca

Line cards as well as further information and links can be found at www.adtool.ca