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***Innovative Soldering Tools from Metcal at SMTAI***

**CYPRESS, CA — August 2019 — Metcal today announced plans to exhibit in Booth #632 at SMTA International, scheduled to take place Sept. 24-25, 2019 at the Stephens Convention Center in Rosemont, IL. Representatives from Metcal will demonstrate the Connection Validation (CV) Soldering System with new hand-pieces, AC-STC Tip Cleaner, HCT2-200-Hot Air Pencil and VFX-1000 Fume Extraction unit.**

**[CV Soldering System](#)**

Metcal will show its new CV hand-pieces and assorted cartridges that transform the CV-5200 soldering system into the solution for even the most challenging soldering applications. All of the hand-pieces are now available with a number of unique tip cartridge geometries. The tip cartridges are available in a variety of temperature series.

**[HCT2-200 Digital Hot Air Pencil](#)**

Metcal's new Digital Hot Air Pencil was developed for very small surface mount component and package sizes (1206s and smaller) and low board densities. As component miniaturization continues (e.g. 01005 components), the ergonomics of a pencil become more important to allow a user freedom to access and rework components on the board without affecting adjacent parts.

**[AC-STC Solder Tip Cleaner](#)**

Metcal's innovative Solder Tip Cleaner features a replaceable brush system that pulls excess solder away from the tip into a removable collection tray for disposal while removing oxidation



from the tip. Solder tips represent a significant portion of the cost of ownership for a solder station, and Metcal's new Solder Tip Cleaner removes oxidation and extends the life of the solder tip.

### **VFX-1000 Fume Extraction**

The VFX-1000 Fume Extraction unit is Metcal's next-generation under-the-bench fume extraction unit. Its improved pre-filter provides higher efficiency, and its enhanced gas filter that is a 50/50 mix of Activated Aluminum Potassium Permanganate and Active Carbon allows for a wider range of fume extraction.

For more information about any of Metcal's electronics assembly bench tool solutions, visit [metcal.com](http://metcal.com).

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### **About Metcal**

Metcal is a benchtop solutions expert that has delivered broad value to customers since its Silicon Valley beginnings in 1982. Offering unrivalled performance, risk mitigation, and ROI, we give electronics manufacturers in automotive, aerospace, medical devices and military sectors the tools—and the confidence—they need to develop faster, safer, more advanced products. Metcal provides advanced technology products across hand soldering, convection rework, fume extraction, and fluid dispensing applications. For more information, visit [metcal.com](http://metcal.com).