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***Metcal to Bring Robotic Soldering System and Tools to
productronica China***

CYPRESS, CA — March 2019 — Metcal today announced plans to exhibit at productronica China, scheduled to take place March 20-22, 2019 at the Shanghai New International Expo Centre. The company will demonstrate its new Robotic Soldering System, Connection Validation (CV) Soldering System with new hand-pieces, and HCT2-200-11 Hot Air Pencil in Hall E2, Booth #2508.

[Robotic Soldering System](#)

Metcal's Robotic Soldering System with patented Connection Validation (CV) technology and a touchscreen graphical user interface is designed to drastically mitigate the risk of solder joint defects and add productivity to the manufacturers' soldering process.

CV reduces unnecessary dwell time by signalling to the system to move to the next solder joint in the program after a good joint is detected. The Metcal Robotic Soldering System comes with dual cameras, a touchscreen interface and powerful software, enabling easy programming and reduced turnover time.



[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 to satisfy the most challenging applications.

[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.

For more information about any of Metcal's electronics assembly bench tool solutions, visit 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.