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Metcal introduces the new CV-500 Connection Validation™ Soldering System

CYPRESS, CA — October 2018 — Metcal is pleased to introduce the new CV-500 Connection Validation™ Soldering System, the companion station to the CV-5210 CV Soldering System. The CV-500 packs all of the Connection Validation technology into a compact, economical housing.

The intermetallic compound thickness is critical in the formation of a solder joint. Connection Validation (CV) is a patented technology that evaluates the quality of the solder joint by calculating the intermetallic compound formation and provides closed loop feedback to the operator.

The CV-500 soldering system excels at SMD touch-up and small component rework using the Ultrafine hand-piece and Ultrafine tweezer hand-piece (both sold separately). The CV-500 system also features Smarheat™ power on demand technology, a 2.8" color touchscreen with bold graphics, an integrated net power meter with optional tip temperature display and much more.



The CV-500 is compatible with Metcal's eight hand-pieces and upgrade kits for the CV soldering system. These ergonomic hand-pieces transform the CV system into a complete soldering solution for a wide variety of applications.

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.