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***Metcal Brings the Latest Innovation in Hand Soldering to
NEPCON China***

CYPRESS, CA — March 2017 — Metcal today announced plans to exhibit at NEPCON China, scheduled to take place April 25-27, 2017 at the Shanghai World EXPO Exhibition & Convention Center. The company will showcase its convection rework and hand soldering systems and tools, including the new [CV-5200 Connection Validation™ Soldering Station](#) and High Thermal Demand upgrade kit in Stand 1H39.

Connection Validation is Metcal's latest patented technological innovation that promises to reinvent hand soldering! Built on the company's SmartHeat™ technology, used in all Metcal soldering systems, Connection Validation evaluates the quality of the solder joint by calculating the intermetallic compound formation and provides closed-loop feedback to the operator, mitigating risk in the process.



The new High Thermal Demand (HTD) soldering system, comprised of a new hand piece and a selection of thermal efficient cartridges, is designed for use with Metcal's MX line of power supplies. HTD maximizes thermal efficiency by delivering more energy to the solder joint in less time, enabling more solder joint formations and increasing line throughput.

Also at its booth, Metcal will demonstrate the Solder Wire Feeder, Scarab Site Cleaning System and Scorpion Rework System. The Solder Wire Feeder pairs with the MX series Soldering & Rework Systems, speeding up the soldering process and increasing line efficiency by placing more control and convenience in the hands of the operator.

The Scorpion redefines precision and addresses the technical demands presented by component manufacturers today. Metcal's Automatic Placement Package is capable of 50mm of motorized travel in the Z-axis and a full 360° in Θ (Theta). The Scarab Site Cleaning System ensures accurate and repeatable cleaning of the component pad in one contactless user-friendly system. It allows the user to add site-cleaning capability to their operation without the investment of replacing their current component rework system.

For more information about any of Metcal's bench tool solutions, visit www.metcal.com.

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About Metcal

Since 1982, Metcal has been the recognized technology innovator in the OEM and global electronics assembly marketplace for the automotive, aerospace, medical devices and military sectors. Metcal provides advanced technology products across hand soldering, convection rework, fume extraction, and fluid dispensing applications. Its products continue to set the standard for performance, reliability, flexibility, and ROI, and are available from authorized distributors in North America and around the world. For more information, visit www.metcal.com.