

### ***Resistance Seam Welder Upgraded to Higher Output***



techMatrix, LLC of St. Paul, MN has upgraded their RSX26 Resistance Seam Welder to work with larger, more powerful weld controllers (up to 6.0 kA output). This makes the air cooled, table top seam welder suitable for joining highly conductive foil materials - like copper, aluminum and nickel - even if a hermetic seal is required. These materials require short, high energy pulses to be welded effectively. Both capacitive discharge and high frequency DC controllers with feedback control are suitable with the RSX26 seam welder.

techMatrix has also introduced new roller configurations that incorporate a copper hub and refractory grade outer ring to join conductive metals. The compact seam welder is controlled by the powerful WeldWorks Software Suite running on Windows 7. The software provides better control over the RSEW process by allowing operators to set the weld repetition rate and roller rpm on a per part basis. In addition to running the machine and storing weld schedules, the software collects all weld data from the controller. This gives the user full insight into their resistance seam weld process making it easier to obtain consistent quality.

#### About techMatrix, LLC:

Founded in spring 2005, techMatrix LLC is a dynamic growth stage company dedicated to designing, building, and assembling both custom and standard PC based resistance weld equipment for high technology companies.