

Schultz-Creehan LLC Announces Expansion

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Schultz-Creehan LLC has expanded office and lab facilities in the Virginia Tech Corporate Research Center in Blacksburg, VA. "Expanding our offices has given us the space to house a dedicated electronics lab and add machinery and equipment to our main lab," stated CEO Nanci Hardwick. The company recently installed machinery including an induction brazing system, wire electrical discharge machine (EDM) and metal-working lathe. Each machine is a critical piece of technology for the design and fabrication of high precision components.

Induction brazing is a heating process in which two or more like or unlike materials are joined together by means of another metal alloy with a lower melting point. Braze joints can be made exceptionally strong, sometimes stronger than the two metals being joined. Braze joints are liquid- and gas-tight, can withstand shock and vibration, are unaffected by normal temperature changes, provide good electrical conductivity and can be easily plated using conventional processes. This method is precise, repeatable, and flameless.

The EDM is used in the metal removal process, and is an outstanding tool for mimicking tolerances and/or situations that would otherwise be difficult with any other method. The EDM results in a significant increase in overall accuracy and will be beneficial to the Schultz-Creehan team in developing products within the materials sciences and engineering sector.

Industrial metal-working lathes offer precision turning for Schultz-Creehan's micro-machined and larger components.

"Our design and development of our products, particularly probes, are enhanced by the greater fabrication abilities this machinery brings," said Schultz-Creehan CEO Nanci Hardwick. "This is an exciting time at Schultz-Creehan, hoping this equipment will bring our customers in the aerospace and biomedical industries products that meet their demands with improved quality.

For more information about Schultz-Creehan, visit www.schultz-creehan.com.