

## TOP SECRET: Electronics Cleaning with the Morantz Ultrasonics Super System

**M**orantz Ultrasonics, the leading global manufacturer of Ultrasonic Cleaning Systems, introduced its new “Super System” last year to great acclaim. Praise for Morantz has been so widespread that it attracted the attention of the United States military’s Pacific Missile Range Facility (PMRF) in Hawaii.

In February, Morantz’s client, a Servpro large loss team, was called upon by PMRF to clean and restore their computers and other electronic items that were damaged by smoke. Co-located with the Sandia National Laboratory’s Kauai Test Facility, PMRF is the leading range for large parts of the Ballistic Missile Defense program and utilizes state of the art instrumentation and communication networks (along with other Top Secret equipment).

Due to the sensitivity of the computers, the entire restoration process was scrutinized prior to the job being awarded. Ultimately, it was Morantz’s reputation for thorough and gentle Ultrasonic cleaning, along with their expertise and experience,



that won over the project’s decision makers.

For this job, a Morantz Super System was moved on site and set up in a large trailer. The three stations (Prewash, Wash and Rinse) along with a Morantz Drye-Rite drying cabinet were wheeled into the trailer for quick and easy processing.



The contaminated electronics were placed both in stainless steel baskets and directly on each of the machine’s pneumatic lifts, then lowered into the respective tanks for approximately 30 seconds to 1 minute (depending on the item) for cleaning.

“Processing for this job was fast and easy. The operators were thrilled to be able to simply push a lever to clean six baskets full of computer parts at a time,” said Lisa Morantz, President of Morantz Ultrasonics Inc. and 3rd generation owner. The benefit of the pneumatic lift is that tech-

nicians work without risk of injury from repetitive lifting or back strain.

Morantz continued, “While other companies have offered line cleaning systems, none have truly adapted them to the real working environment of a restoration job, especially a job like this one.”



Once the electronics went through the line machines, they were dried with a powerful, two-speed heated blow dry gun, sprayed with a non-conductive di-electric chemical and placed in the Morantz Drye Rite Drying and Ozone Cabinet for 4 hours to dry.

“There’s a lot of mis-information about cleaning electronics with Ultrasonics,” Morantz said. “But once again, our Morantz Super System and methodology proved to be the key to the job’s success. The entire PMRF team was thrilled with the results.” Lisa Morantz added, “We introduced the process for electronics cleaning to the restoration industry over twenty years ago. Nothing cleans as fast, as efficiently or as safely as Ultrasonics.”