Virtium Selects Aqua ROSE ES Batch Cleaner from Austin American Technology to Strengthen Cleaning and Cleanliness Verification

Austin, TX – February 2026 – Virtium, a designer and manufacturer of industrial-grade memory, storage, and Edge AI solutions, has purchased an Aqua ROSE ES Batch Cleaner from Austin American Technology (AAT) to support cleaning and ionic contamination testing within its manufacturing operations.

The Aqua ROSE 4.0 / ES Batch Cleaner is AAT's latest-generation batch cleaning and ionic contamination testing system, combining multiple cleaning and verification capabilities in a compact footprint. The system supports both aqueous and aqueous chemistry-based cleaning and operates across a wide temperature range—from ambient up to 176°F—allowing processes to be matched to specific assemblies and materials.

The Aqua ROSE ES features a zero-discharge configuration with a fully integrated closed-loop system, eliminating the need for additional water treatment equipment. This design allows Virtium to maintain effective cleaning and cleanliness verification while simplifying facility requirements and supporting environmentally responsible operation.

An intuitive user interface allows operators to set wash type and duration, select the number of rinse cycles, and control the forced-air drying process. The system is well suited for cleaning printed circuit boards, semiconductors, subassemblies, and process tooling, delivering consistent results across a range of manufacturing applications. A heated holding tank further supports high cleanliness standards and helps meet strict contamination requirements.

Eddie Martinez, Sr. Director of Quality Assurance at Virtium LLC

"Cleanliness verification plays an important role in the reliability of our products," said Eddie Martinez, Sr. Director of Quality Assurance at Virtium LLC. "The Aqua ROSE ES gives us the process control and flexibility we need, while the closed-loop, zero-discharge design fits well with our operational requirements."

Virtium designs and manufactures industrial modular hardware solutions that support embedded computing systems, including industrial-grade SSDs, DDR memory modules, and systems-on-module (SOMs) with onboard AI accelerator hardware. Its products are used across networking, telecommunications, aerospace and defense, industrial OEM, and embedded markets.

For more information about Virtium, visit **www.virtium.com**.
For more information about the Aqua ROSE Batch Cleaner, visit **www.aat-corp.com**.

About Austin American Technology:

Austin American Technology is on the forefront of engineering and manufacturing high performance cleaning system for over 35 years, delivering solutions worldwide. AAT was founded in 1986, as a provider of SMT rework systems and process engineering testing services. In 1988, their focus shifted toward the high-end electronics cleaning segment with the introduction of the world's first automated stencil cleaner. In 2000, Austin American Technology became a market leader in inline cleaning systems with the introduction of the award-winning HydroJet® series. Patented cleaning and drying technologies were incorporated into an energy and space-efficient format to set new standards for performance and low cost of ownership. Building on this success, AAT introduced the MicroJet® inline flip chip cleaner to provide high volume cleaning capability in a small footprint. In 2013 AAT introduced the world's smallest most efficient inline cleaner, the NanoJet®. Austin American Technology merged with Aqua Klean Systems in 2024, creating the largest full line manufacturer in North America.

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