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Sample courtesy of A. Charai, Aix Marseille University, France.

https://doi.org/10.1017/S143192761700040X Published online by Cambridge University Press
Evactron® Model EP Plasma Decontaminators

The Evactron® EP Decontaminator is the latest model in the E-Series cleaning systems. It was designed for cleaning high vacuum chambers, SEM/FIB, and pre-cleaning of samples. The Evactron® EP model with instant ignition from any vacuum level brings the user highest cleaning rates at low pressures. It uses flowing afterglow to remove surface hydrocarbons from vacuum chambers operating with turbo molecular pumps.

- High cleaning efficiency
- Small footprint/compact plasma radical source (PRS)
- Operates at TMP and turbomolecular pressures
- “Pop” ignition (patent pending)
- Windows and Android GUI software
- Desktop controller
- Fits chambers and load locks
- Vacuum safety interlock

Evactron® Zephyr™ Plasma Decontaminators

The Evactron® Zephyr Decontaminator line was created to accommodate SEMs, FIBs, and other vacuum chambers that use turbo molecular pumps. They are designed for SEM/FIB systems and offer fast and efficient hydrocarbon removal with no damage to samples or sensitive components. They offer users:

- Cleaning of SEM/FIB chambers at turbo pressure
- Shorter cleaning time (increased production, less downtime)
- One button operation

Evactron® CombiClean™ System

Decontaminate specimens and columns of SEMs and FIBs. The Evactron® CombiClean™ System combines onboard vacuum cleaning chamber and externalPRS (Plasma Radical Source) control in one unified system.

- Cleans SEM/TEM samples and SEM chambers from one desktop controller
- Stores samples and parts after cleaning
- Uses patented Safar TEM side loaders

Evactron® SoftClean™ System

- Windows and Android GUI software
- Optional Safar side loaders (US 8,716,676 B2)
- Accommodates up to 3 TEM stage rods

Extends the ability to pre-clean specimens, mounts, and holders with the proven downstream plasma ashing process before examination in the chamber, thus insuring high image quality. Can also be used as a specimen storage system.
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Compatible
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- Automated TEM analysis

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