

Evactron® TEM Wand



Evactron® TEM Wand De-Contaminator

The TEM Wand allows the user to remove hydrocarbon contamination quickly and without extra hardware. The RF electrode used to create the oxygen radicals is now mounted on the end of a TEM sample rod. The user first vents the chamber and then inserts the Wand similar to the way one would insert a sample rod. Now cleaning in the TEM can occur right where it is needed in the sample examination region. After cleaning, the user removes the Wand and allows the chamber to pump down. The TEM is now cleaned and ready to take higher quality images. Operates in the 0.2-0.8 Torr pressure range with RF power between 5-20 W.

The Evactron TEM Wand includes:

- Special RF Plasma Oxygen Radical Source (ORS) designed to be used with TEMs and Controller/RF Generator
- Pirani vacuum gauge and fixed RF Match
- 0-20 Watt RF Generator @ 13.56 MHz feedback stabilized and harmonically suppressed
- No special gases needed, just use room air
- Air-bleed needle valve for manual flow and pressure adjustment
- Bundled cable set, power cord, and instructions
- Free 5 year limited warranty and factory service
- Power interlock allows RF power to be on only when pressure is in operating range and RF cable is connected to ORS
- Electronic chassis: H,W,D: 5.5"x9"x7" (14x23x18 cm)
- 90-250 VAC 50/60 Hz input
- Shipping— 16 lb. (8 kg.)



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