

## FOR IMMEDIATE RELEASE

### Controlled, accurate plasma cleaner for TEM sample preparation

Warrington, UK, 19/10/2016

Henniker Plasma, the UK's leading manufacturer of plasma surface treatment equipment, announce the launch of their new, cost effective bench-top plasma cleaner for TEM sample preparation tasks.

The HPT-100 TEMCLEAN is a bench-top glow discharge system that is suited to the routine cleaning of TEM sample holders/grids as well as for cleaning and preparation of other individual items. The system features interchangeable re-entrant style adapters for JEOL and FEI sample holders and also a removable parts carrier that can accommodate up to ten 25 x 75mm glass microscope slides.

Operation is via an intuitive colour touchscreen interface providing full automation of the cleaning cycle and with accuracy and repeatability guaranteed by microprocessor control of gas mixing ratio, pressure and applied plasma power. Controlled cleaning has been independently verified and shown to be particularly effective for the removal of hydrocarbon contamination in a holey carbon grid sample in collaboration with the Microscopy group at Johnson Matthey Technology Centre who write "*...it offers amazing control over how much carbon is removed from samples.*"

Henniker's plasma systems are in use all over the world and backed by comprehensive specialist support.

For further information visit [www.plasmatreatment.co.uk](http://www.plasmatreatment.co.uk)



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