

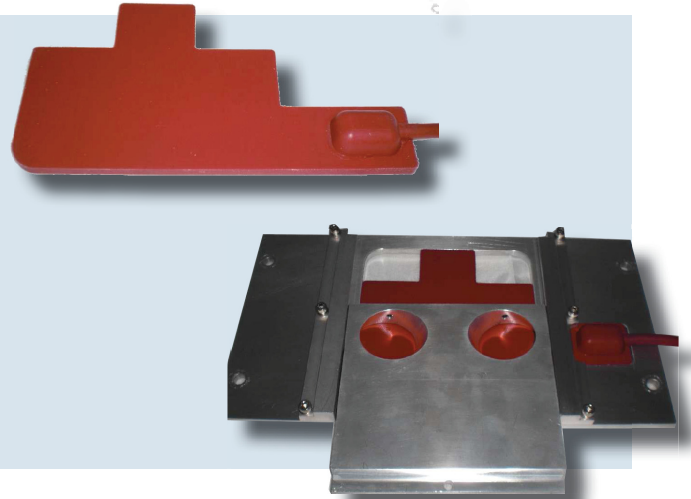
# Aspen II Endpoint window heater

PCB upgrade part number: IP-SIMA

**esl**   
service is solution



- Improved chamber uptime
- Improved endpoint detection reliability
- Reduced cost of ownership
- Drop in installation
- Plug and Play design



A heated silicon pad is now available for the endpoint window of the Mattson Aspen II system. This temperature controlled heater, maintains a constant temperature of the process window, helping to reduce polymer build-up on the window effecting the endpoint signal performance and extending the cleaning interval.

This high quality heater contains an overtemp sensor, which is set to 100°C. Tests have shown that the build up of polymer on the Aspen II process endpoint window has been decreased with this heater installed. Maintenance time and wafers costs are saved, chamber re-qualification after a window has been cleaned is decreased. Longer productivity of the chamber is achieved.

The form of the heater has been specially designed to fit into the gap between window and endpoint detector allowing unrestricted vision of the endpoint lens. The 115Vdc power cable is available with an adaptor plug to piggyback a fully used plug box.

- **Model affected**  
All Mattson Aspen II Systems  
ICP, Triode, Diode, Lite Etch ICPsm
- **No additional power source needed**  
The heater plugs into a 115VAC distribution in the tool.
- **Easy installation**  
The heater mat comes with modified endpoint detection clamping plate. The plate simply has to be exchanged with the original one and the plug has to be connected.
- **Contents of the retrofit kit**  
Heater mat, power cable, clamping plate and cover plate. The original clamping and cover plate needs to be sent to ESL for restocking.
- **To receive further information or technical data, please contact us by mail or phone.**



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