

Reduced Energy Consumption

Optimized Operating Efficiency

ZEISS ECO Quiet Mode



Highlights

Save Energy and Money

ZEISS ECO Quiet Mode reduces the energy requirement of the system, decreasing both your carbon footprint and energy costs.

Better Working Environment

Work more comfortably at significantly reduced noise levels, particularly when your pre-pump is installed in the same room.

Extended Pump Lifetime

Due to the significantly reduced pre-pump running time, the maintenance requirements are largely reduced.

Scale down energy consumption, reduce operational costs, and decrease the noise level at your facility with ZEISS ECO Quiet Mode. This upgrade for your SEM system will enable you to work in a more sustainable way, reduce your system's CO₂ footprint, and help achieve a better working environment.

Work Smarter with ZEISS ECO Quiet Mode*:

- Save energy up to 3000 kWh/year
- Maintenance and energy cost saving up to \$800/year
- Reduce CO₂ up to 1.5 tons/year
- Reduce noise level up to 10 dB

*Energy saving is based on 350 working days with 4 sample transfers via airlock. Your energy saving will differ due to the system usage, sample transfers and vacuum options. Cost saving is calculated based on the electricity price of 25 ct/kWh. Noise level depends on room geometry and wall paneling. CO₂ reduction is based on the energy consumption and global power mix factor of 0.475 kg CO₂/kWh. Please check your local power mix and your local electricity price.



Seeing beyond

ZEISS ECO Quiet Mode

Reduce operational costs while increasing productivity



Availability

- Crossbeam series
- GeminiSEM series
- Sigma series
- EVO series
- 15xx XB series
- 15xx series
- AURIGA series
- MERLIN series
- NEON series
- NVision series
- SUPRA series
- ULTRA series

Upgrade Your ZEISS Microscope

Upgrade your ZEISS microscope with ZEISS ECO Quiet Mode and benefit from lower operational costs, decreased CO₂ footprint, and a more comfortable working environment with less noise.

As technical requirements may apply on some systems, please contact us to learn more about ZEISS ECO Quiet Mode and how your process will benefit from an upgrade:

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