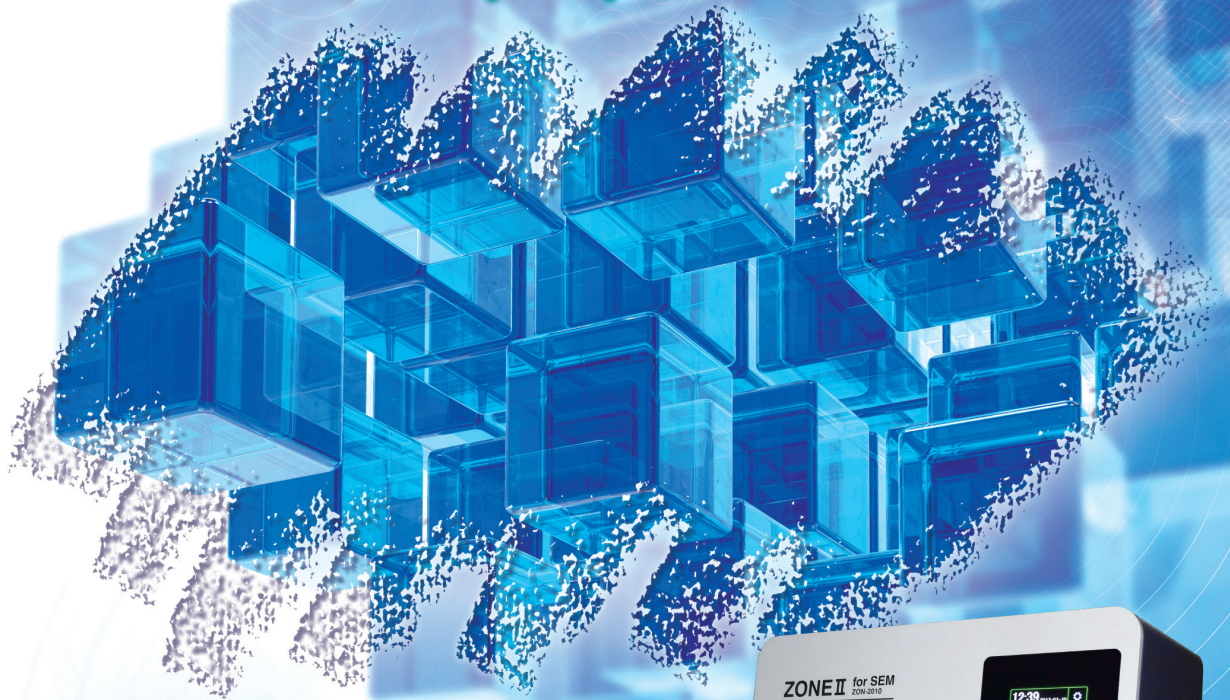


Sample Cleaner for Electron Microscopes
ZONE II for SEM

HITACHI
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The innovative Zone II Desktop Sample Cleaner uses UV-based cleaning technology to minimize or eliminate hydrocarbon contamination for electron microscopy imaging.

ZONE II for SEM
Desktop Sample Cleaner

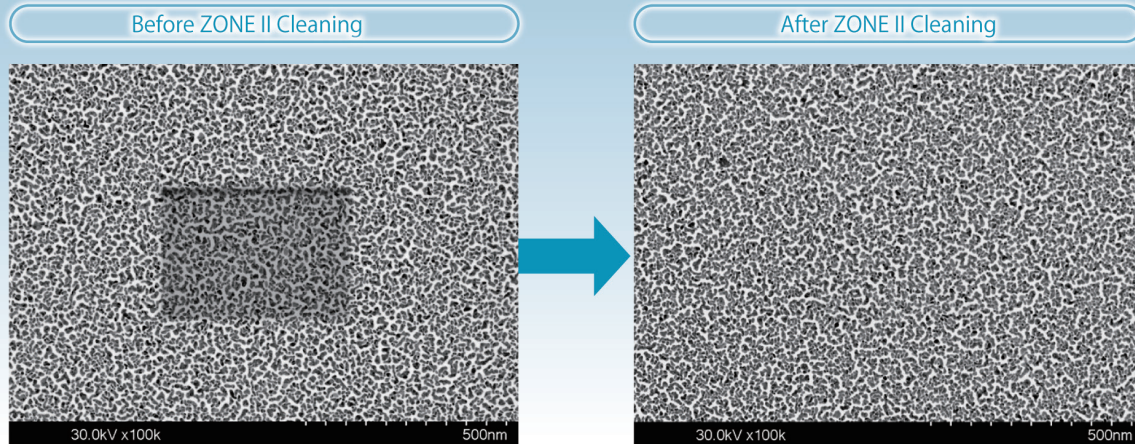


The ZONE II utilizes vacuum-controlled UV irradiation and active oxygen species to gently and rapidly “clean” the specimen surface prior to imaging without the use of any chemicals, supply gases, or reagents. With a lab-friendly footprint and intuitive touch screen, the second-generation ZONE Sample Cleaner is a safe, easy-to-use addition to any laboratory.



ZONE II for SEM

Ultraviolet Source Hydrocarbon Removal System for SEM Sample Cleaning



Specifications

Item	Specification
Model No.	ZNE-2000
UV Lamp	Wavelength: 185 nm, 254 nm (20 W, 1000 hr rating)
Specimen Size	100 mm (φ) x 37 mm (H)
Process Mode	UV Cleaning Mode Vacuum Storage Mode
Vacuum Settings	~100 to 500 Torr (100 steps)
Process Setting Time	1 min. to approx. 24 hrs.
Vacuum Pump	Dry vacuum exhaust system
Ozone Exclusion	Built-in Ozone Scrubber
Dimensions	300 mm (W) × 262 mm (D) × 326 mm (H)
Weight	Approx. 18 kg
Option	Sample Height Adjusting Spacers (7 mm and 9 mm)

Installation Requirements

Item	Specification
Ambient Temperature	15~30°C
Ambient Humidity	~70% RH (no dew condensation)
Power Requirements	Power supply: AC 100-240 V, 50/60 Hz Power consumption: 0.14 kVA Plug type: 3-prong
Table Load Resistance	Over 100 kg
Floor Space	650 mm x 650 mm (200 mm from the wall)
Standards	CE marking - IEC61010-1 Edition3.0 - EN61000-6-2 : 2005 - EN61000-6-4: 2007+A1:2011 - RoHS

System Features

1. Safe, non-destructive UV cleaning technology
2. Ergonomic form factor with LCD Touch Screen controller
3. Transparent sample compartment with motorized door
4. Typical sample cleaning time, 5-15 minutes
5. Programmable cleaning recipes
6. Lab-friendly footprint

Notice: For correct operation, follow the instruction manual when using the instrument.
Specifications in this catalog are subject to change with or without notice, as Hitachi High-Technologies Corporation continues to develop the latest technologies and products for our customers.

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