



National Museum of History

Steam Cleaner with Vacuum COMET DSG-3.3 EX, 3300W

The COMET DSG-3.3 EX dry steam cleaner is a professional machine designed for highly efficient and gentle treatment of sensitive surfaces.

1. Saturated steam at 9 bar at a temperature of 175°C

- Dry steam enables the removal of dust, dirt, grease deposits, and biological residues without aggressive scrubbing, which is critically important for fragile and sensitive surfaces.

2. Minimal moisture

- Due to the low water content, the risk of moisture penetration into porous materials is significantly reduced. This makes the device suitable for use on: wood and polychromed surfaces, paper and cardboard (with controlled distance and pressure) textiles and organic materials, ceramics, stone, and plaster

3. Effective disinfection without chemicals

- The steam temperature above 140°C helps destroy microorganisms, mold, and biological contaminants without the need for aggressive chemical agents— a key advantage when preserving the original substance of artifacts.

4. Suitable for hard-to-reach areas

- Steam penetrates fine cracks, reliefs, and ornaments where traditional cleaning methods are ineffective or risky.

5. Combined function – steam and vacuum

- The device can also operate with combined wet and dry suction, allowing simultaneous loosening and controlled removal of contaminants—particularly useful when cleaning surfaces with layers of dust and soot.





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HIROX RX-100 3D Video Microscope

A powerful tool for analysis, conservation and restoration.

1. High-Resolution Imaging for Art & Artifacts

- Provides ultra-high-definition magnification to capture fine details in paintings, manuscripts, textiles, ceramics etc.

2. 3D Surface Analysis for Conservation

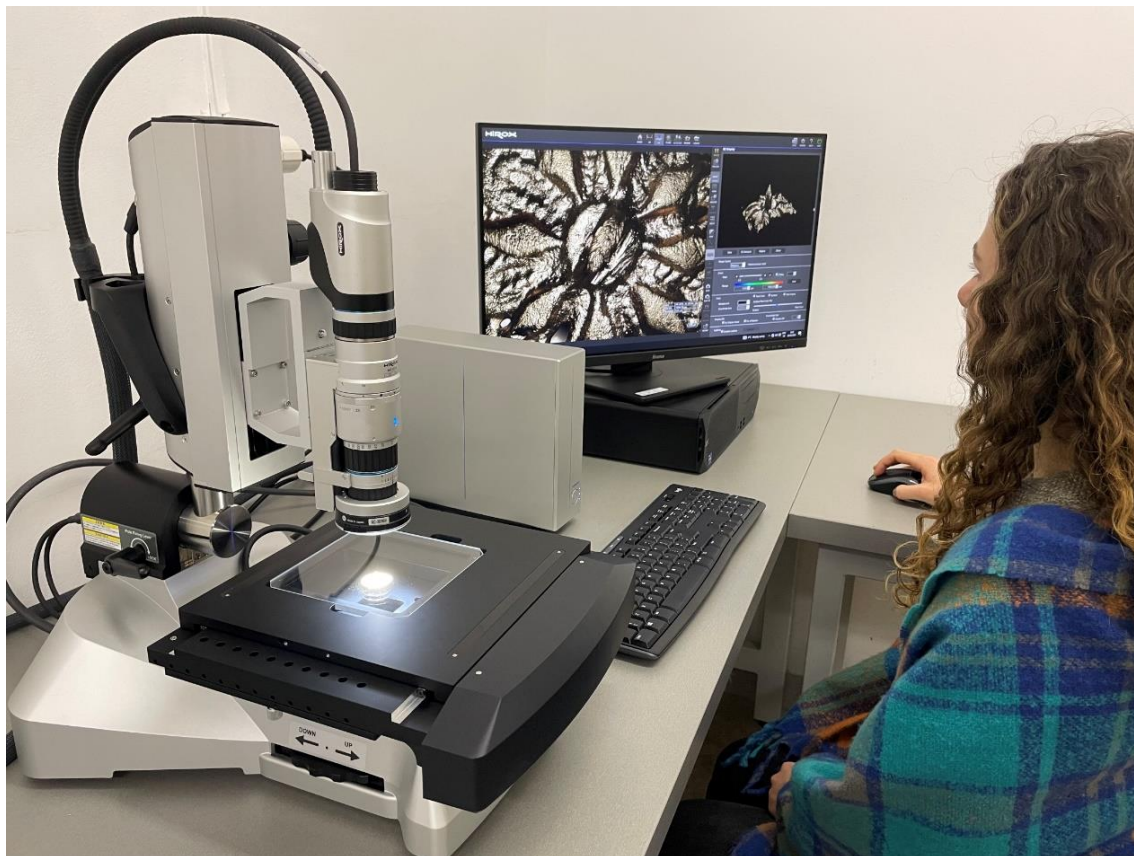
- The 3D imaging feature allows to analyze surface topography, identifying wear, corrosion, or past restoration efforts. Enables precise measurement of cracks, erosion, or surface deformations.

3. Non-Destructive Examination

- Ideal for examining ancient manuscripts, fragile textiles, and weathered sculptures without risking damage.

4. Multispectral & Advanced Lighting for Hidden Details

- The microscope's multi-angle lighting and polarization filters help reveal hidden inscriptions, faded pigments, and underdrawings in paintings, manuscripts and other exhibits.



5. Digital Documentation & Archiving

- Captures detailed, high-resolution images for long-term documentation of artifacts. Supports remote analysis and collaboration with other experts worldwide for research and conservation projects.



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Anti-vibration laboratory table

Provides safe placement of rotary grinding machines for treatment of metal corrosion products.



Ventilated fume-hood XK-2B



Renfert precision sandblaster

The system allows processing of archaeological finds with surface deposits of different nature. Extremely suitable for small artifacts - coins, jewelry, etc.



Filtration system Fumex LFK150

Provides air circulation and filtration when working in an environment of vaporized organic solvents. The version of the LFK150 trolley system allows convenient moving of the installation depending on the specifics of the objects or artifacts being processed.



Industrial absorber





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For field survey:
GNSS GPS RTK CHC i50



XRF hand held analyser Bruker S1 Titan 800



Nikon D850
with lenses and accessories
for UV and IR photography