

Video microscopy in the museum world

The Fondation Beyeler in Riehen (CH) now relies on Keyence, IDC Micro Inspection and FOBA for high-magnification and high depth-of-field images to examine and document its artworks.

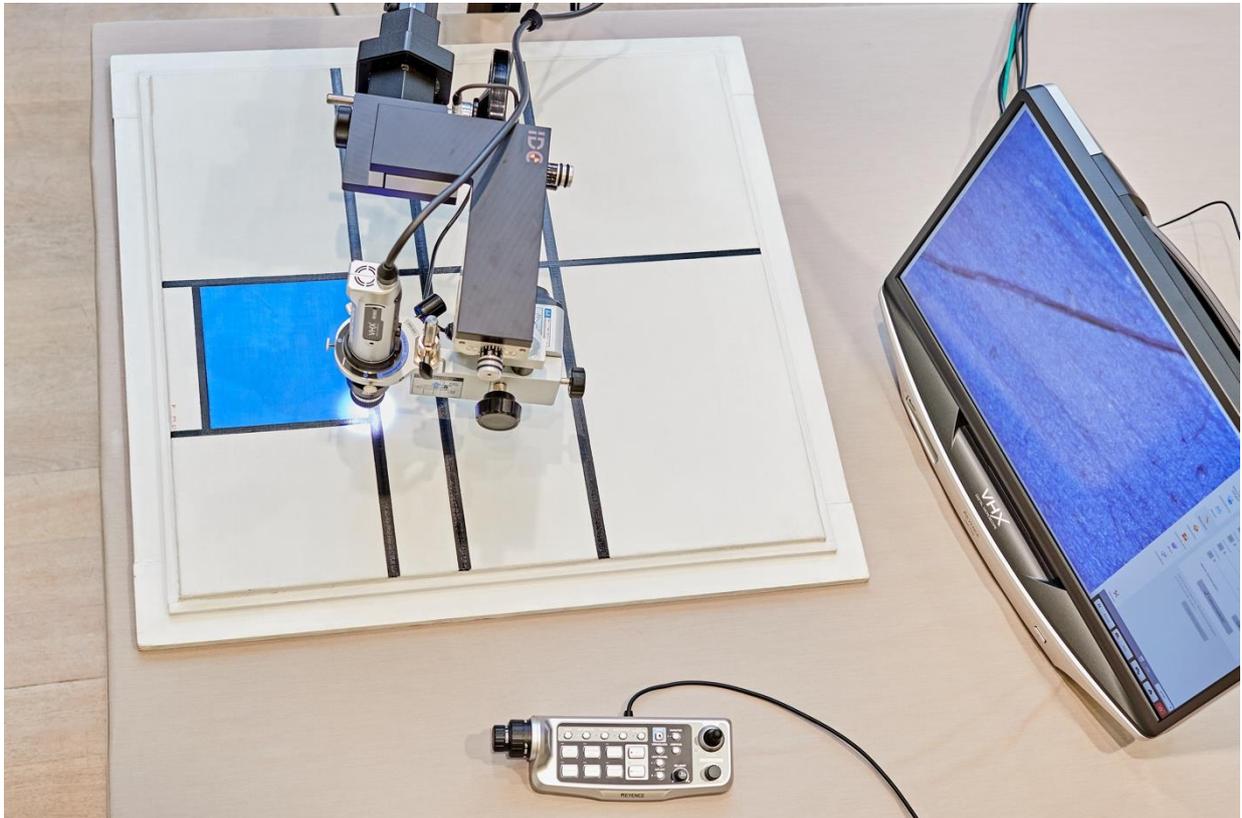


Abb. 1 Keyence VHX-7000 with IDC multi-axis head, Piet Mondrian, Composition with Double Line and Blue, 1935, Fondation Beyeler, Riehen/Basel, collection Beyeler

The preservation and conservation of artworks in the collection is the primary goal for museum conservators. The visual examination and assessment of works is a central element in this process.

The Fondation Beyeler in Riehen (CH) is now using an improved analysis technique. Using high-resolution video microscopy, color layers can be clearly visualized even at high magnification. The newly installed Keyence VHX device produces the highest image quality and depth-focused images. With the integrated image processing functions, professional documentation can also be created quickly and easily.



Abb. 2 FOBA stand with IDC multi-axis head Piet Mondrian, Composition with yellow and blue, 1932, Fondation Beyeler, Riehen/Basel, collection Beyeler

For conservation reasons, artworks are moved as little as possible in the museum. For this reason, two further aspects are essential for video microscopy: the microscope must be able to be moved to the work of art and be flexible enough to allow the finest positioning in all directions.



**Abb. 3 Complete setup with Keyence VHX-7000, IDC multi-axes head und FOBA stand
Piet Mondrian, Composition with yellow and blue , 1932, Fondation Beyeler, Riehen/Basel, Collection Beyeler**

Here, too, the Fondation Beyeler now has the right solution: With the stand from FOBA and the multi-axis head newly developed by IDC Micro Inspection, the Keyence video microscope can be fine-adjusted and swiveled in all directions, as well as approaching the works of art in a targeted and safe manner.

[Fondation Beyeler](#)

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[FOBA - robust positioning solutions](#)