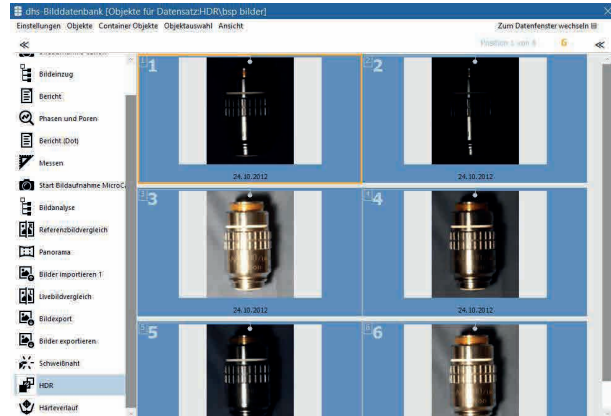# HDR

When photographing **samples difficult to light** (e.g. metals), one often has problems with the optimum contrast and brightness distribution of the images, as reflections and bright lights heavily influence the photos. An optimum image is often difficult to achieve.

The new **HDR module** of our dhs Image Data Base has been especially developed for such cases. It **automatically evens out overexposure and brightness differences**, and calculates a perfectly lit image in mere seconds.

Acquisition / Selection of images

For this result, **several images** of a sample are first taken **with different lighting** and saved in the object window (minimum two images - for a better result take more).
The **sample** itself should be **focused consistently** here and not moved.

Information in the overview

- Automatically evens out overexposure and brightness differences
- Optimally lit images with a mouse click in seconds
- Easy control with a click on the special plug-in

Image result via mouse click

With a mouse click you choose at least your differently lit images, then choose the HDR function and the new calculated image result appears. This all happens fully automatic and in next to no time. Calibrations can also be accepted here.

Processed images taken can now be archived in the dhs Image Data Base or, for example, integrated into your report for documentation.

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