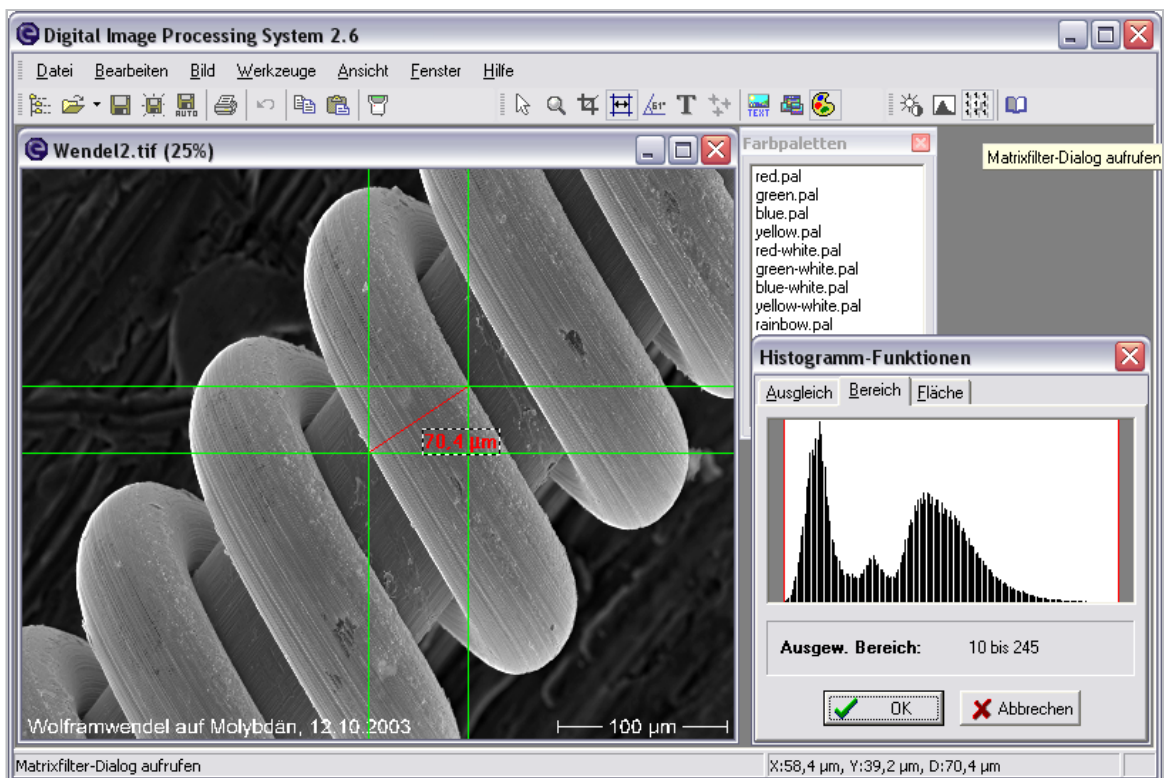# DIPS

Digital Image Processing System

professional | flexible | easy to use

Specification

- loading and saving of images and layouts
- data import over TWAIN interface
- Image Browser for easy administration of the images and layouts with display of image comment and data
- supported image formats: BMP, TIFF (8 bits, 16 bits), JPEG, PNG, GIF
- creating of layouts for according images
- saving and printing of layouts with zoom
- saving of RAW Data in the TIFF file
- changing brightness and contrast
- changing the color palette
- histogram functions
- matrix filter functions (up to 7 x 7)
- display of equivalent densities with area calculation (Equidensities)
- adding or subtracting of images
- pseudo-color mixing of images
- image-mixing function
- zoom function
- cut out selected image areas
- image rotation
- measurement functions for distances, angles, radii
- measurement can be stored in image
- display of all measuring data in a window, data export of the measuring data as * xls, * html, * txt
- image comment as text, arrows, ellipse and rectangle in the image
- configurable caption with comment, parameters and micron bar
- printing of images and layouts (also with zoom)
- half automatic structure measurement (optional)
- context sensitive online help