dhs Combi packages dhs-Basic

New solutions in 2020

Licensing:

Insert dongle and start software!

- Licensing via software dongle for easy installation on one workstation
- Installation is largely automated from
- 3 packages are available for initial licensing: **Basic functions**, image capture and measurement are **included in all** combinations; **depending on the application focus**, these are supplemented by the modules report, depth of field or panorama. Extensions and updates are possible at any time.

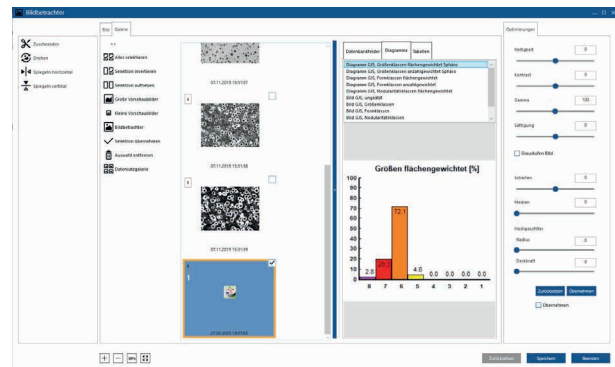Combi-packages incl. camera, as well as software expansions and updates are available as follows:

Combi packages with Dongle
dhs-Basic (Image capture, measurement)
dhs-Basic DOC (Image capture, measurement, report)
dhs-Basic PRO (Image capture, measurement, report, depth of field, panoramic image)
dhs-Basic CAM (camera, Image capture, measurement)
dhs-Basic CAM DOC (camera, Image capture, measurement, report)
dhs-Basic CAM PRO (camera, Image capture, measurement, report, depth of field, panoramic image)

Expandability Software
Metal sections
HDR
Wels seam
Phases
Pores
Phases und Pores
Grain size

Updates
pixel-fox up to dhs-Basic
dhs-Basic V 1 up to Version 2020

Upgrade
dhs-Basic up to dhs Image Database Version 2020

dhs-Basic is based on the dhs Image Database - all new module features 2020 are also included in our software combination package!

Basic functions:

Image viewer integrated

- launches by double clicking from the database object window
- **for optimising images** recorded previously (colour, contrast, crop, mirror, rotate, grey scale etc.)
- with **integrated scroll function** (saves time during image selection)
- **with gallery function:** for quick overview and image selection (incl. display of all data records belonging to the image)

Report:

functionally extended

- Image selection for report directly from the module via gallery function
- „Report fast"- directly after image selection
- „Cover page function"- combine several pages to a complete report; page numbers are generated automatically
- Search and sort function integrated
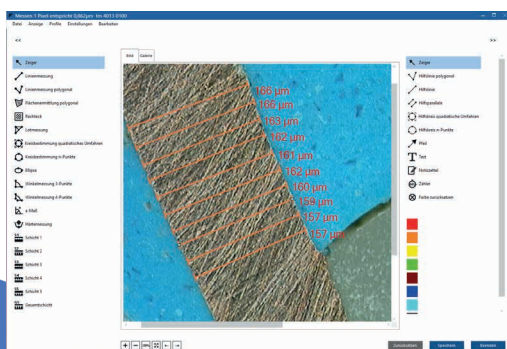- Continuous image numbering of the selected images

Depth of field:

modified and optimized

- integrated gallery function for image selection
- new calculation routines
- rework relevant image areas (ROI), including Preview
- calibration assignment in result image
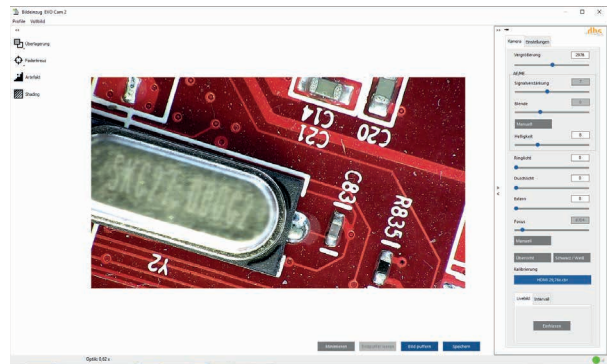
Measurement:

functionally extended

- integrated **gallery function** and scroll function for image selection
- includes design throat thickness for weld seam measurements & simple coating thickness measurements
- grid display
- correct measurements by **"catching" the start and end points** of existing measurements
- **specifically define**, which **measured values** are transferred to the data fields or the report
- comprehensive display of measurement lines and labels for each measurement type

Inspection without eyepieces with EVO Cam II :

**dhs-Basic + EVO Cam II =
perfect detail in double-quick time!**

Capture Images EVO Cam II:

- Additional menu for camera control settings via the monitor
  - enlargement via direct input of values
    lamp & lighting type
- Shading, artefact filter, crosshairs, overlay
- all settings and parameters can be saved in profiles for reproduction
- Complete reporting with the dhs software

EVO Cam II digital microscope full HD

- Rapid image transfer (50/60 fps options)
- Optical zoom up to 300x; digital zoom up to 3600x
- Clear images without motion blur
- 360° wide-angle lens (as attachable lens) for 360° capture of vertical objects.