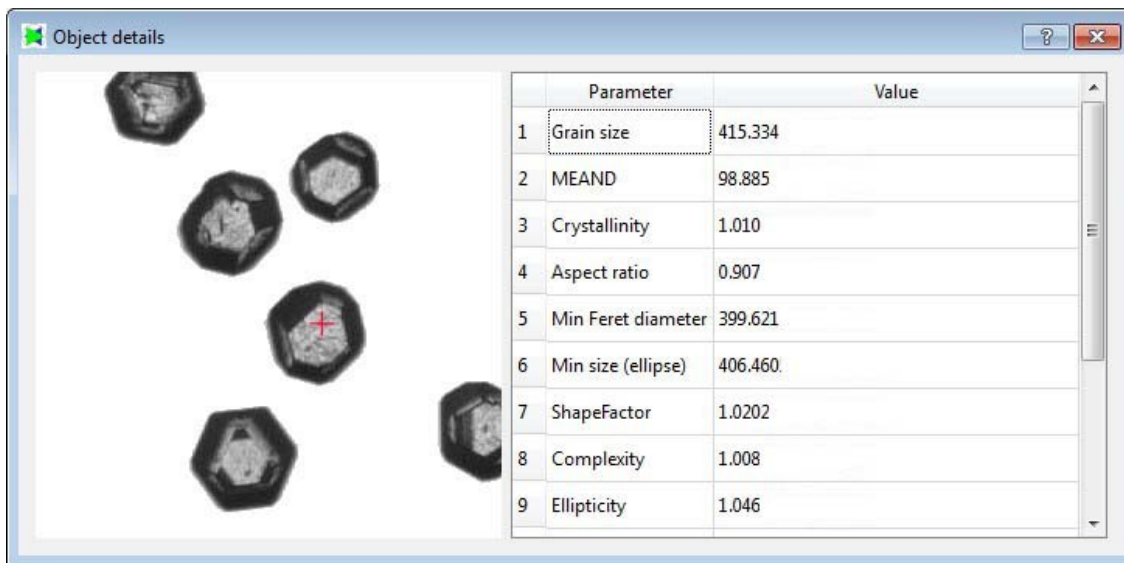


# DiaShape – 4 unique selling points

## 1. Every single object can be identified and the measurement values can be seen directly

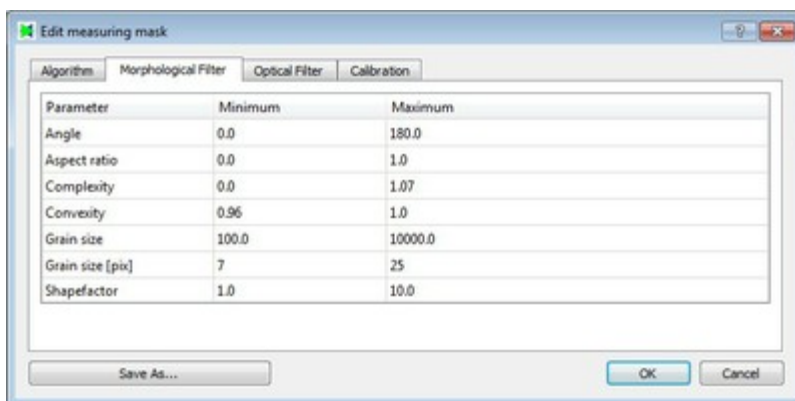
- size: grain size  $\hat{=}$  **carat**
- shape  $\hat{=}$  **cut**: crystallinity, ellipticity
- optical properties:  
transparency  $\hat{=}$  **clarity**  
**color**



## 2. Well structured measurement conditions

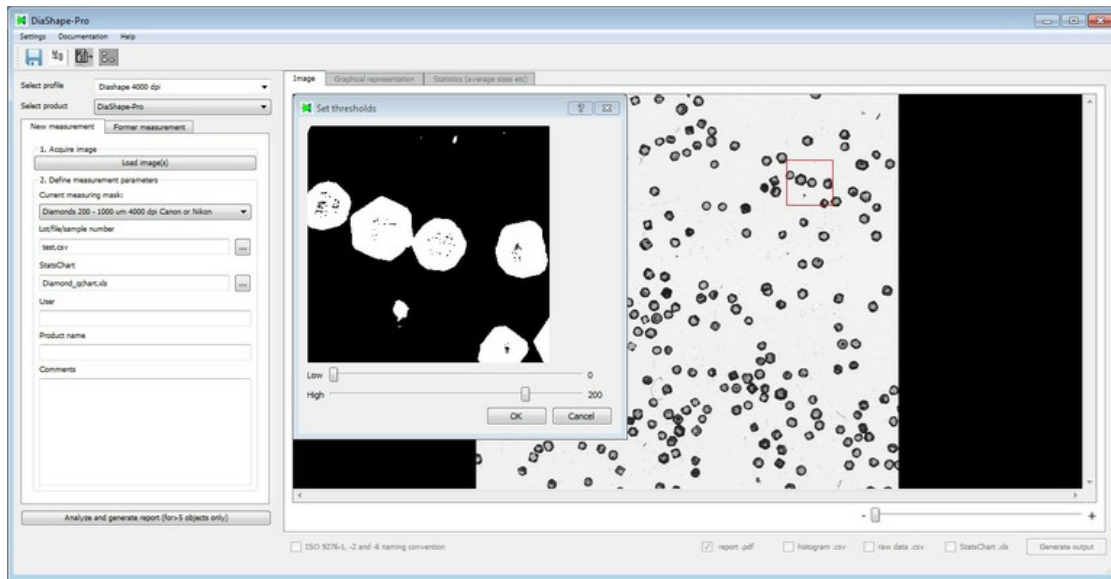
Four categories:

- Algorithm
- Morphological filter
- Optical filter
- Calibration



The editor permits to edit the currently active mask which makes it faster and well structured. It is responsive and interactive. You quickly get a feedback of your changes in the histograms.

### 3. With right-click on the image the profile settings, threshold segmentation and resolution settings can be changed



### 4. Interactive Reporting System with many reporting capabilities

- Report according to ISO 9276-1 (if selected)
- The following reports can be generated: report.pdf, histogram.csv, raw data.csv und qchart.xls
- The reporting system is divided in the following areas:
  - Graphical representation
  - Statistics

