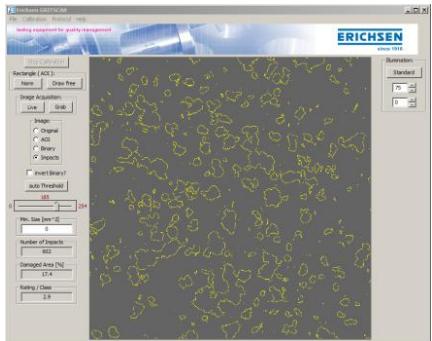




Analysis software
for
capture and
analysis at
impact images

Analysis System GRITSCAN



testing equipment for quality management

ERICHSEN
since 1910

Technical Description

Surface Analysis
System

Purpose and Application

The surface analysis system **GRITSCAN** is a combination of hardware and software for the automatic evaluation and documentation of impact images; connectable via USB cable to standard laptops / PCs (must be provided by the user).

This device is used to evaluate resistance to stone chipping in accordance with EN ISO 20567-1.

The results are displayed as characteristic values (0 - 5) according to the calculation described in EN ISO 20567-1, pages 11 -13.

The image evaluation is carried out in accordance with EN ISO 21227-2 Appendix A.

Principle of the Test

GRITSCAN provides an automatic evaluation and documentation of impact images.

The specially designed lighting technology (LED) enables the analysis on different contrast levels.

The evaluation can be adjusted by the user in a simple manner to the requirements of the test.

Following values are provided in the standard system:

- damaged area (specified in %)
- number of impacts,
- characteristic values 0 - 5 in 0.1 steps.

The results are available together with the images in pdf format.

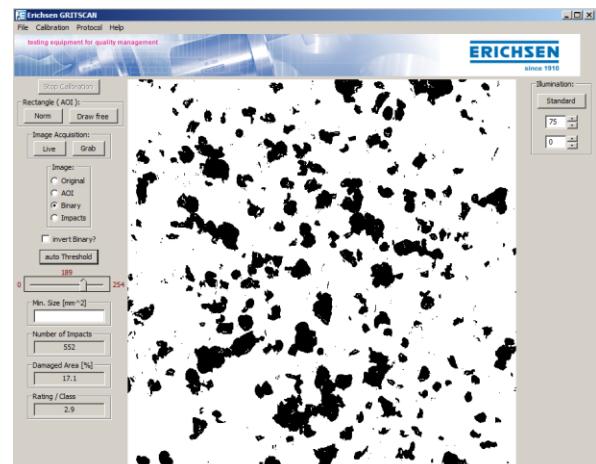
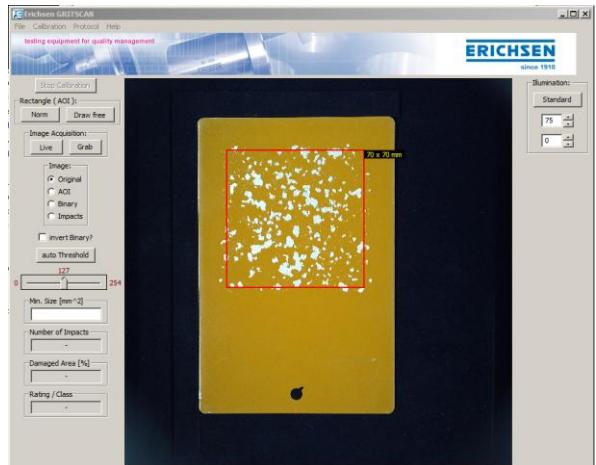


Fig. „evaluation“

Compared to sheer software for image-processing, as so many available, and their necessity of additional hardware, the analysis system **GRITSCAN** provides many advantages:

- Hardware-control completely integrated into software (no switching between different tools);
- Images become inserted into software automatically (no necessity of inconvenient image-import into software);
- Automatic log creation.

Technical Data

Dimensions (L x D x H) approx. 320 x 420 x 575 mm

Power supply 100 - 240 V AC, 50/60 Hz

Max. sample size 210 x 300 x 30 mm
(standard sample size 150 x 100 x 1 mm)

Max. sample thickness 30 mm (flat)

Interface USB 3.0

System requirements:

Processor I5 or comparable; PC connection USB 3.0, operating system WIN7 32/64-bit or newer; memory 8 GB RAM; monotor resolution min. 1280 x 800 px.

Order Informations	
Ord.-No.	Product-Description
24850131	Surface Analysis System GRITSCAN
Included in the scope of supply:	
USB 3.0 A/B cable	
Power supply with Euro cable	
USB flash drive with operating software	
Insertion strip for samples > DIN A5	
Calibration plate for standard calibrations	
Calibration foil for sample thickness of up to 30 mm	
Manual	

The right of technical modifications is reserved.
Group 13 - TBE GRITSCAN – VII/2018

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ISO 9001

