



## Diashape

the fast, easy and price performant analysis of diamonds  
4  $\mu\text{m}$  – 10 mm in size and shape for quality inspection.

### All you need:

- Scanner
- Laptop
- Diashape

### All you do :

- Prepare sample
- Scan image
- Print report



### All you get:

- Diamond image
- Diamond shape
- Diamond size

### All to do - contact:

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## REPORT grain size

Tested image : YK940-50.JPG  
lot/file no : TEST  
Quality : Diamond YK9  
Controller : hubert  
Application : Diamonds  
Measuring Mask : 11 , rev: 3  
Diamonds 200 - 1000 um 2700 dpi M

### Set-up Parameters & Limits

Resolution : 2700 [dpi]  
MinGrainSize : 200.000 [um]  
MaxGrainSize : 1000.000 [um]

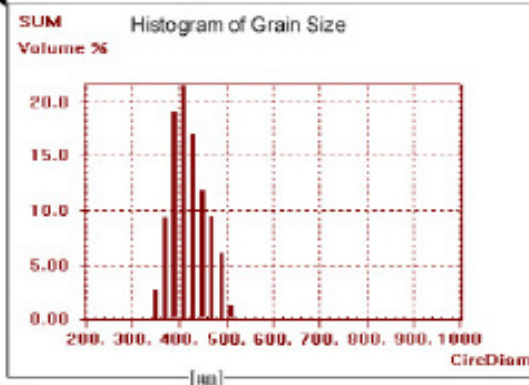
### Major Results from

Counted particles : 361  
grain size : 411.87, s: 34.99 [um]  
Median grain size : 406.24 [um]

Measured objects image fraction [%] : 5.37

All objects image fraction [%] : 17.66

Transparency : 134.2  
Ellipticity : 1.0818, s: 0.0535  
Crystallinity : 1.0214, s: 0.0112  
Object area fraction [%] : 30.38



### Percentile

Percentile	Value	Unit
0.0	340.5122	[um]
5.0	366.7334	[um]
10.0	376.7551	[um]
50.0	415.7220	[um]
90.0	475.8977	[um]
95.0	486.3839	[um]
100.0	505.8638	[um]

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Date : November152007

Signature :