

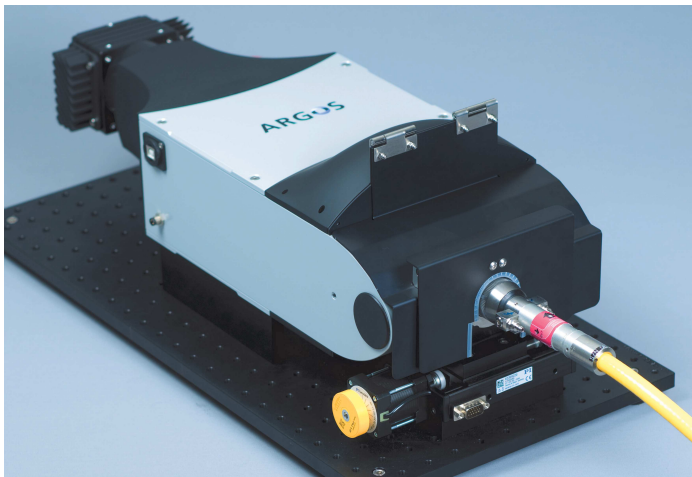
ARGOS[®]

for fiber cables

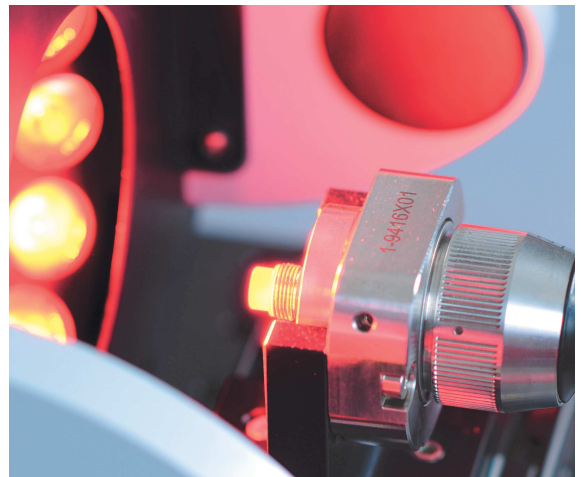
fast inspection
of whole surface

full documentation
acc. to ISO 10110-7

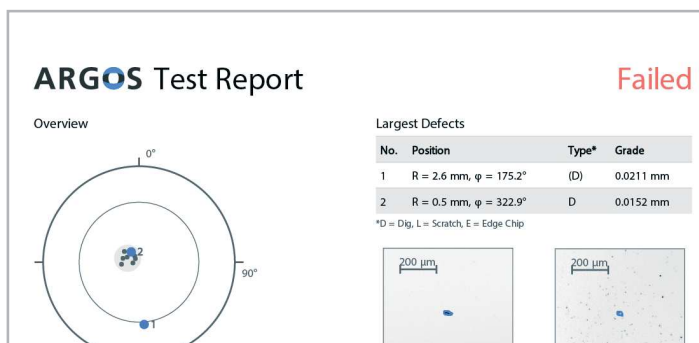
detect
laser damage



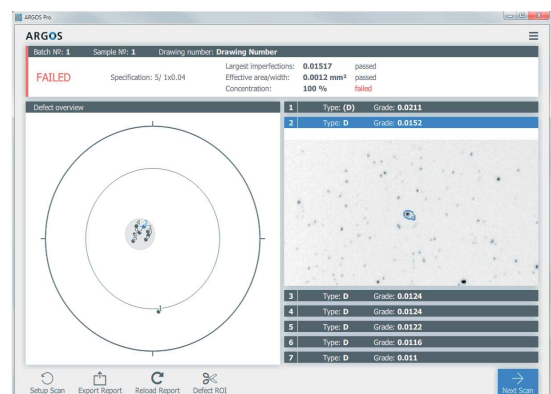
automated inspection



detailed test report



intuitive graphical user interface



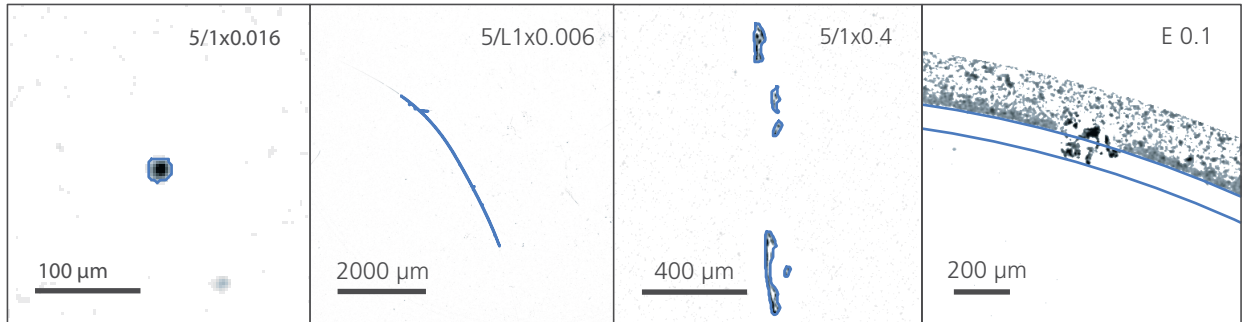
Specification

| | |
|-----------------------|----------------------------------|
| fiber cable mount | Optoskand QBH, others on request |
| smallest defect grade | 5/1x0.004 |
| maximum sample size | 22 mm diameter or 22 x 50 mm |
| testing/handling time | 1 s / < 20 s |
| image size | up to 146 mega pixel |
| image resolution | 0.0028 mm / pixel |

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Certify your fiber cable surfaces

Typical Imperfections

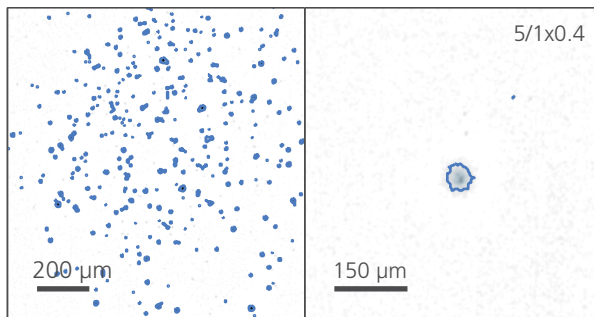


small dig

long scratch

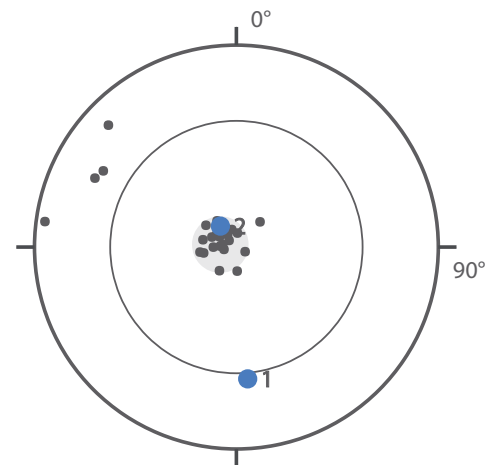
concentration

edge chip



pits

laser burn mark



typical imperfection overview

Precision

| | | |
|-------------------------------------|---|---|
| accuracy | 1 μm | standard deviation for 30 reinsertions of the same sample |
| visibility | 1 μm | smallest visible defects overrated to size 2.5 μm due to optical resolution |
| repeatability | > 99% for 5/ 1x0.16 > 96% for 5/ 1x0.04 | assignment to same grade number |
| smallest discriminable grade number | 5/ 1x0.004 5/ C1x0.01 5/ L1x0.004 5/ E0.04 | holes coating holes scratches edge chips |