

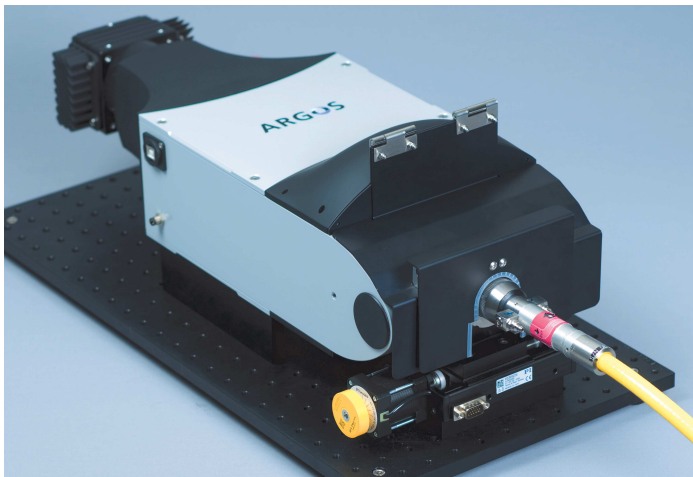
ARGOS[®]

for fiber cables

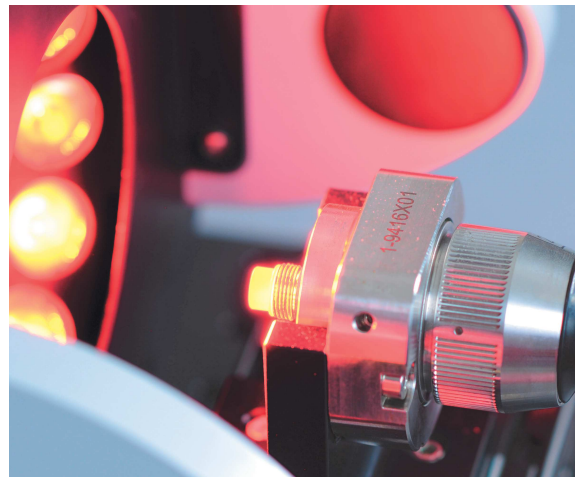
fast inspection
of whole surface

full documentation
acc. to ISO 10110-7

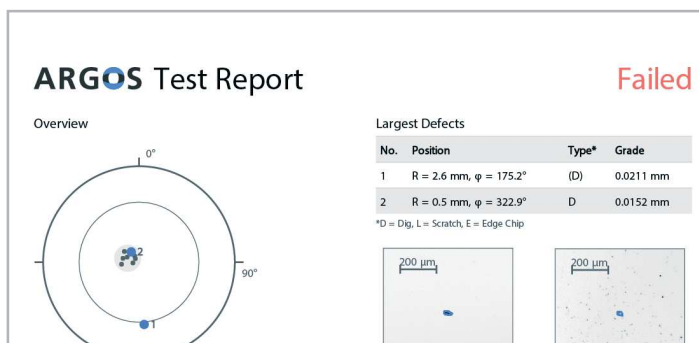
detect
laser damage



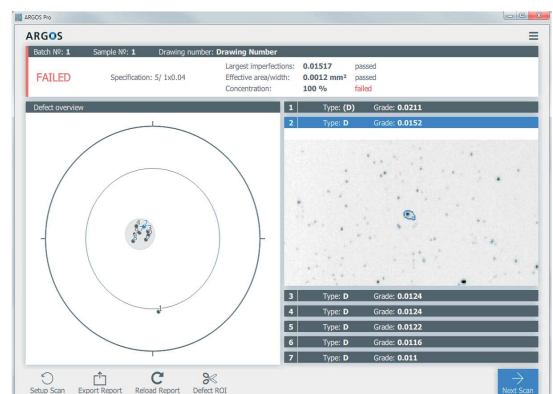
automated inspection



detailed test report



intuitive graphical user interface



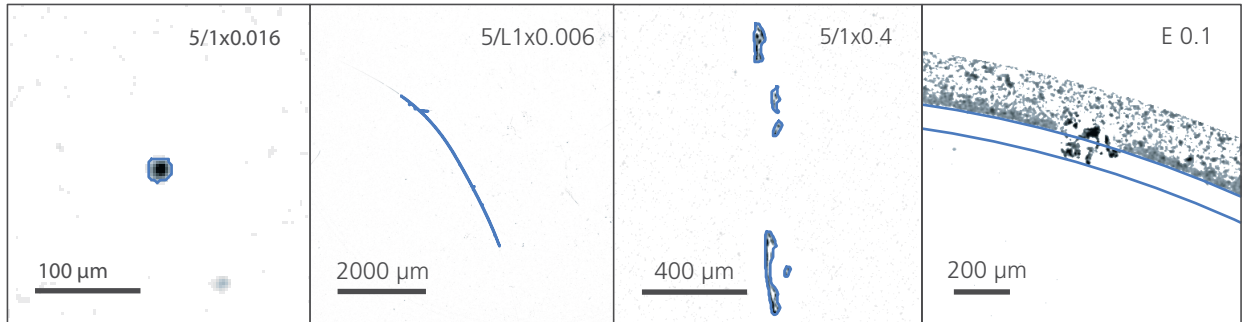
Specification

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

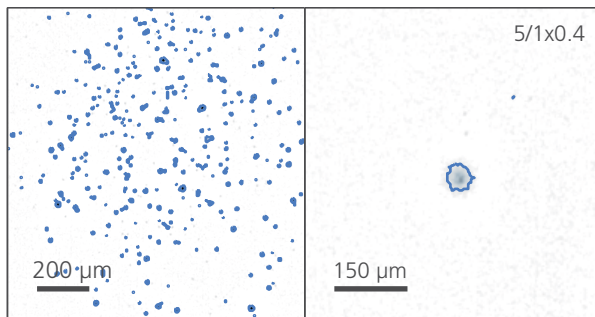


small dig

long scratch

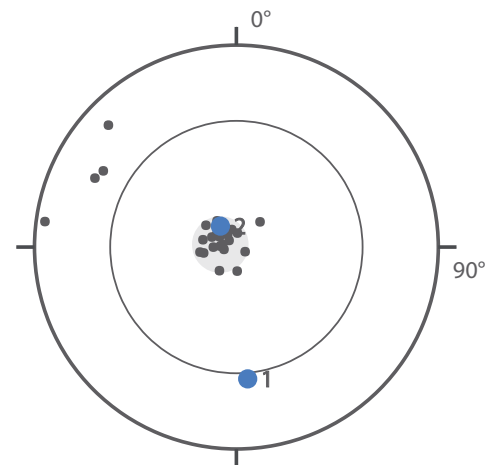
concentration

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