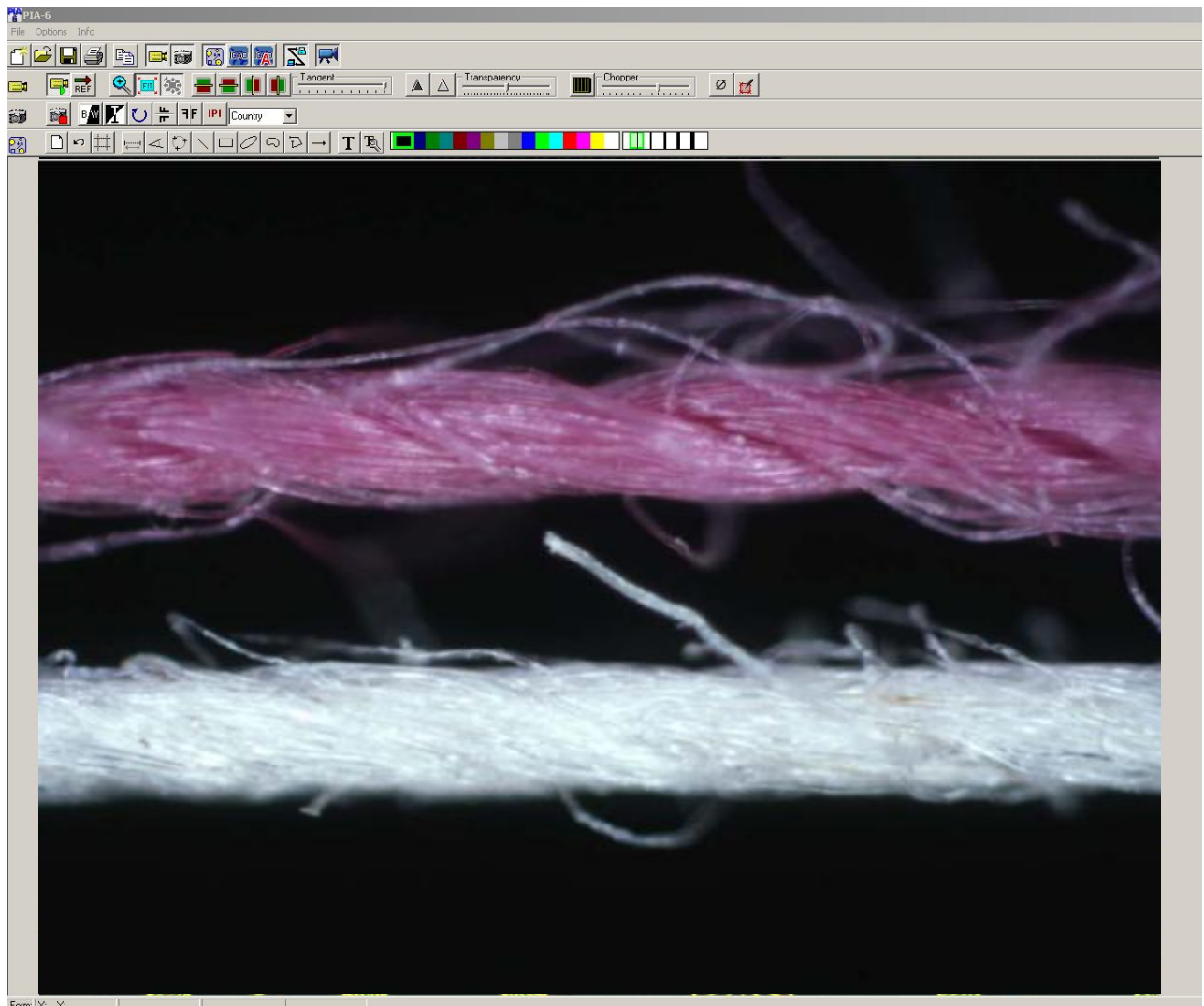# PIA-6: Image Comparison, Measuring and Archiving Software
The *new* Software e.g. for textile applications

The newly developed software PIA-6 for comparative examination in textiles is a professional software with an outstanding colour image resolution suitable to any textile microscope system and also for scientific and industrial applications. The functions allow a speedy judgement of the examined and compared documents.
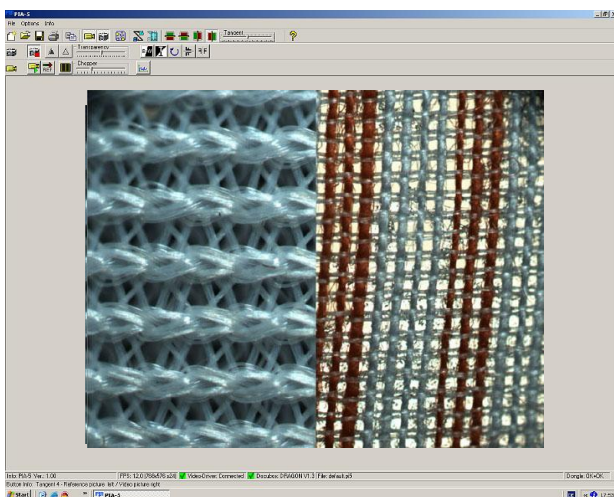
The new PIA-6 software is operated via FireWire connection in combination with high resolution video cameras. It can capture complete video frame in real time and offers a wide range of useful image processing functions.
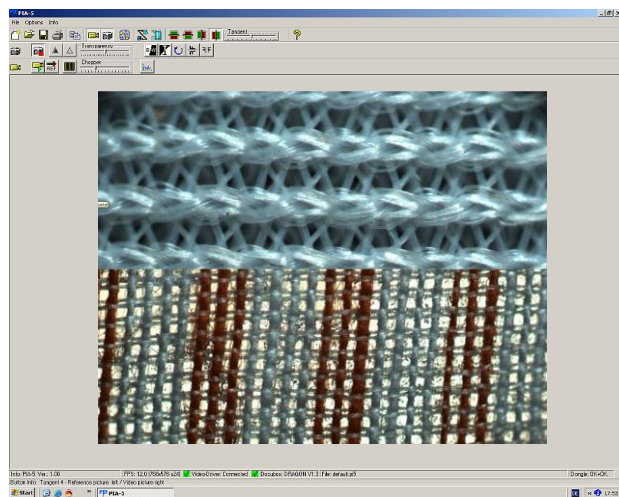
PIA-6 highlights:
- user-friendly graphic display
- mirror function, horizontal
- mirror function, vertical
- image rotation 90° steps
- side-by-side comparison of live and stored images, horizontal and vertical split, adjustable dividing line, easy selectable comparison mode
- reversal of live image in split comparison
- superposition of live and stored images
- subtraction and addition mode
- chopper function (alternating image display)
- negative image display
- annotations of text and marks, arrows, circles, rectangles and lines
- measuring functions: distances, circles, angles including raster and fade in of reference scale
- direct print-out function from software
- unlimited storage of pre-settings
- installation: 24/32bit, 1280x1024 resolution or lower

Side-by-side comparison of live and stored images

The master image is located at the top or the left side of the screen. The other image in the bottom half or on the right side.

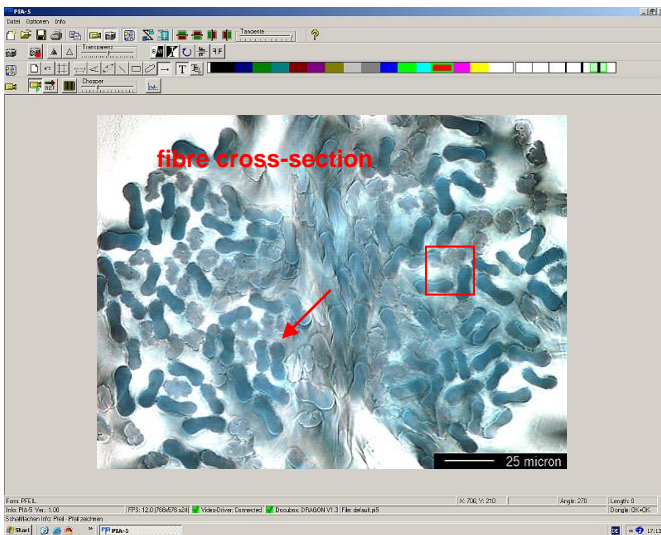vertical split with adjustable dividing line.

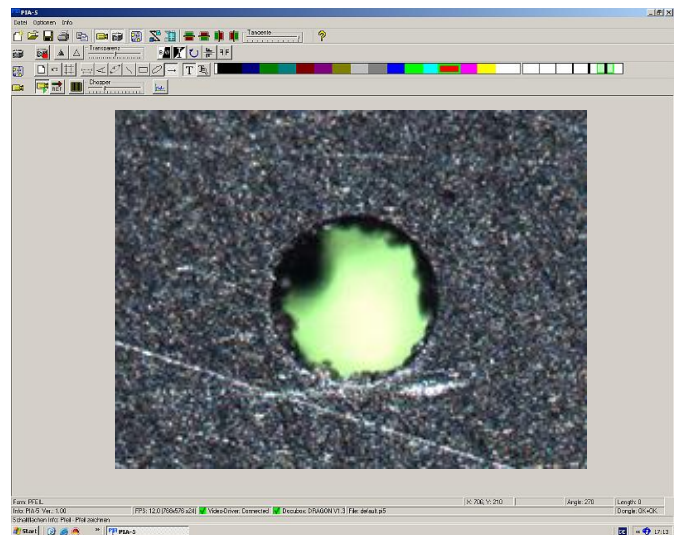horizontal split with adjustable dividing line.

Chopper for blink effect

Small differences in two similar images can be emphasised by repeatedly switching between them.
PIA-6 allows you to freeze a master image and then switch to the camera live image. This is useful in document examination applications where typography can be examined and compared.
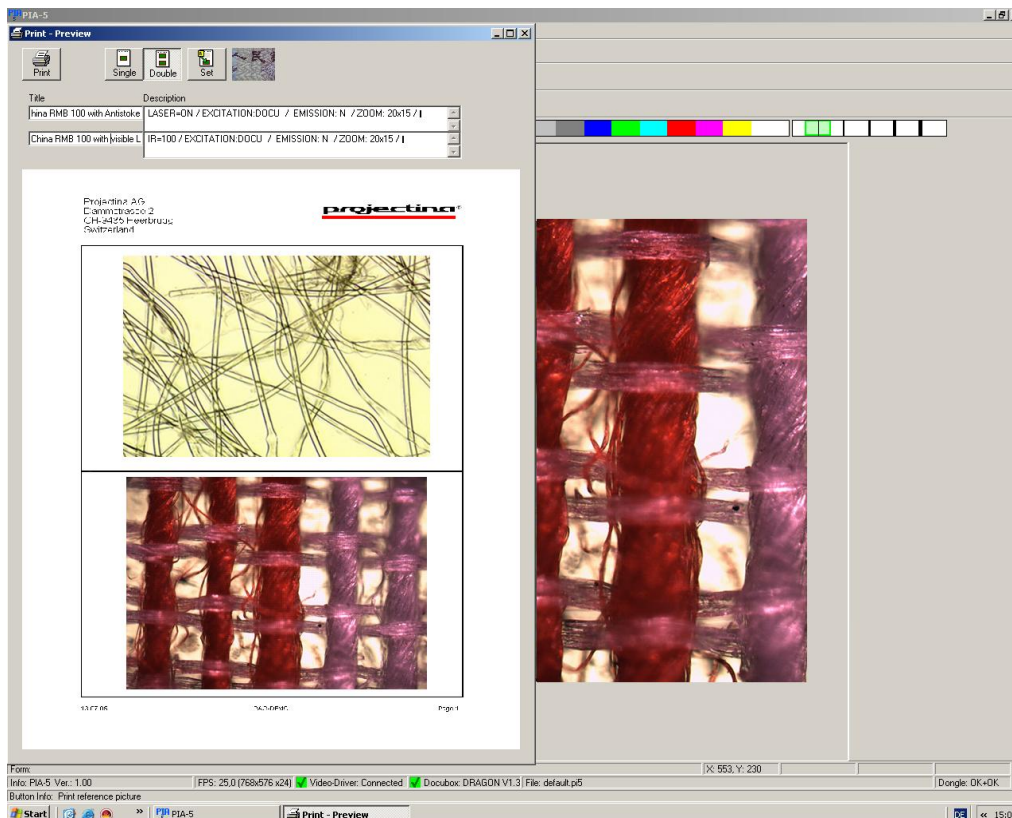
Annotations of arrows, remarks, etc.

fibre cross-section

25 micron

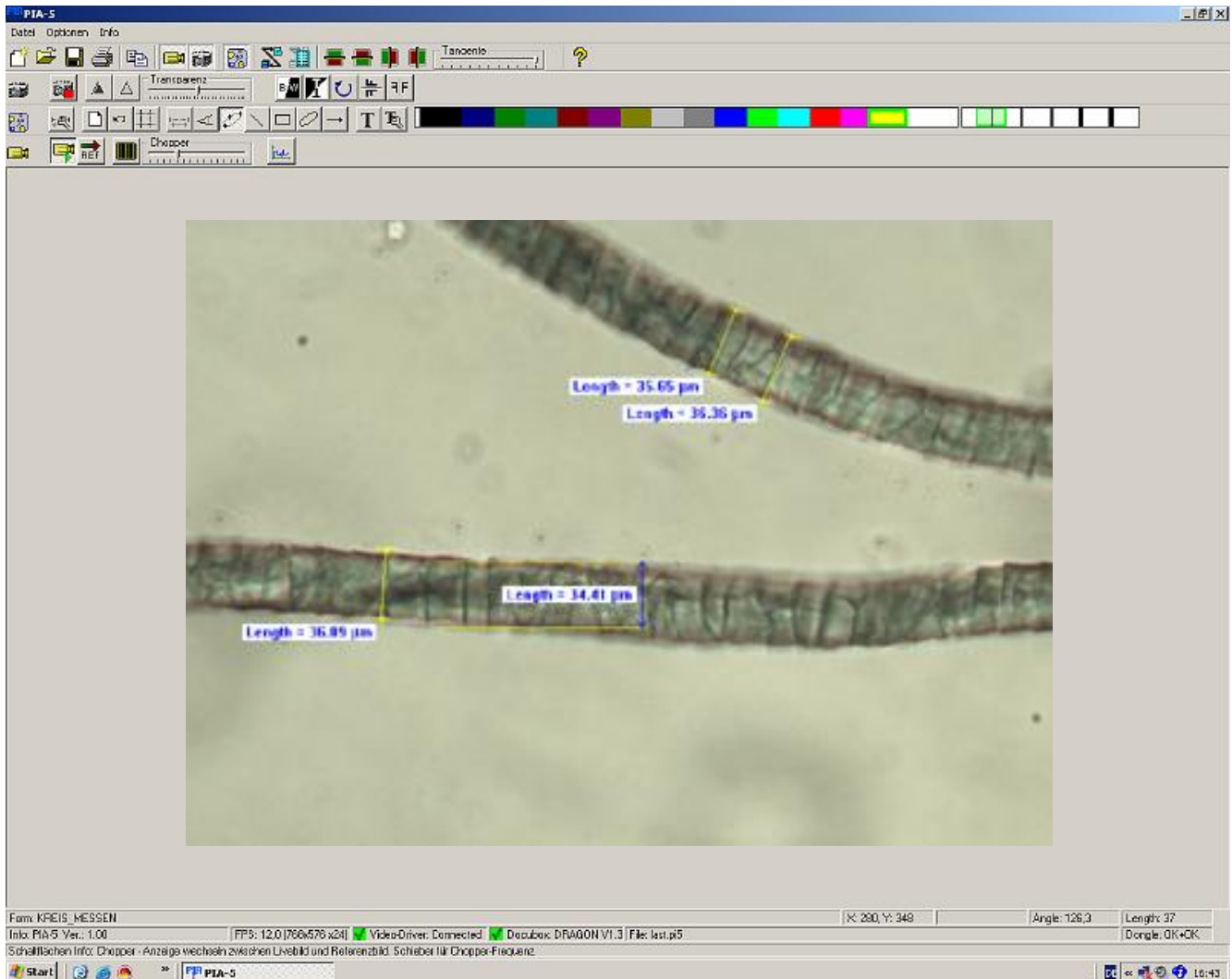**Inspection of spinneret holes**

Print out / Reporting

Easy editing of and print out of claim reports.

Measuring Functions:

Distances, circles, inner and outer angles including raster and fade in of reference scale

Technical requirements:

			Order information:	
Processor	Intel QuadCore 2.66 GHz, FireWire (IEEE 1394a), 250 GB HD, 6x USB		PIA-6 with dongle / ANALOGUE PIA-6 with dongle / DIGITAL	item No. 111632./T item No. 111186./T
Memory	1 GB DDR2 RAM		FireWire converter	item No. 107844.
Operating system	Windows XP PRO, VISTA BUSINESS, W7			

Projectina AG
Dammstrasse 2, Postfach
CH-9435 Heerbrugg
Schweiz/Switzerland
Telefon   +41-71-727 28 00
Telefax   +41-71-727 28 28
E-mail   projectina@projectina.ch
Website: www.projectina.ch

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