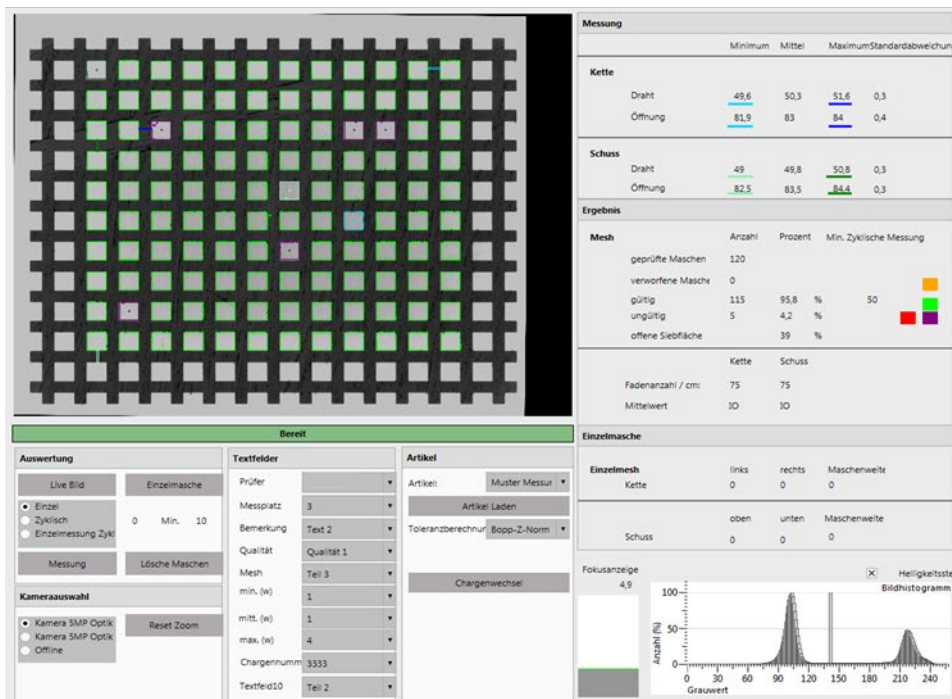


Simple measurement of meshes in the μ -meter range using a hand-held device

AIT Mesh Expert Solution is a product for measuring plastic and wire meshes. The instrument measuring head has a field of view of approx. $2 \times 1.7\text{mm}^2$ or $7 \times 6\text{mm}^2$ and achieves a resolution of $1\mu\text{m}$ or $3.5\mu\text{m}$.

The measurements are carried out according to various standards such as ISO-3310-1 or our own tolerance specifications. The weft and warp of the mesh opening and the fabric are measured.



AIT Easy Mesh 2.0 Software



All features and benefits

- Hand-held measuring device in the μ -meter range
- Field of view: $2 \times 1.7\text{mm}^2$ or $7 \times 6\text{mm}^2$
- Resolution: $1\mu\text{m}$ or $3.5\mu\text{m}$
- The measurement is carried out in transmitted light using a mirror
- Immediate result evaluation at the touch of a button
- 10m long cable enables manual random sample testing of braids directly on the production line
- Brightness and focus values can be flexibly adjusted. Brightness automatically fine-tuned.

Variants		
Item no.	Description	Features
042816	AIT Mesh Expert Solution M5.0 x4.0	Field of view 2x1,7mm ² Resolution 1,0µm
042818	AIT Mesh Expert Solution M5.0 x0.8	Field of view 7x6mm ² Resolution 3,5µm
Accessories		
090074 (recommended)	AIT IPC 19" 2TB	Windows, Intel i7, 16GB memory, PCIe Intel HD Gen9 Graphics
050046 (optional)	Monitor 22"TFT monitor	1920x1080 resolution

Technical drawing

