

Fabrics, Filter and Sieves Measurement and Classification

Optical measurement of mesh widths with the compact 'Profile Projector'

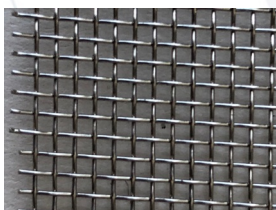


In contrast to mechanical test methods using test sand or glass balls, optical measurement of the mesh dimensions is a fast and reliable measurement method and ideal for inline control of production results in an industry 4.0 environment.

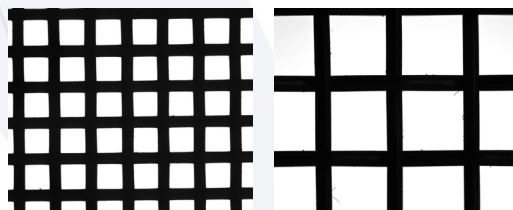
The evaluation of the mesh size distribution and the traceability to corresponding standards such as ASTM E 11 can be realized with the new Imaging Module Profile from Opto.

The Profile Projector comes factory pre-calibrated. Opto offers calibration standards with and without DKD certificate to regularly recalibrate the optics.

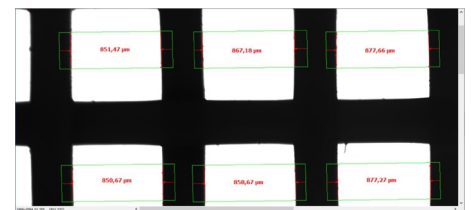
The Profile Projector works with a telecentric brightfield illumination and a coordinated telecentric lens in transmitted light.



Original



Different Fabrics



Measurement