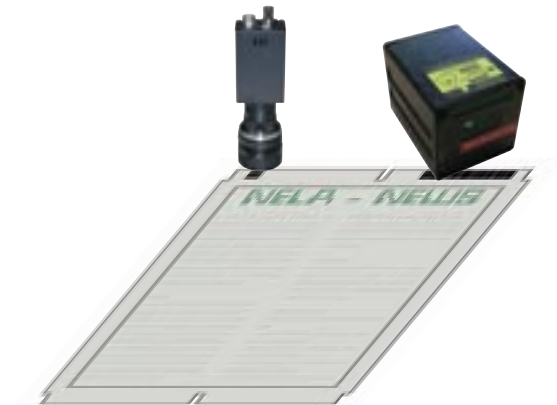
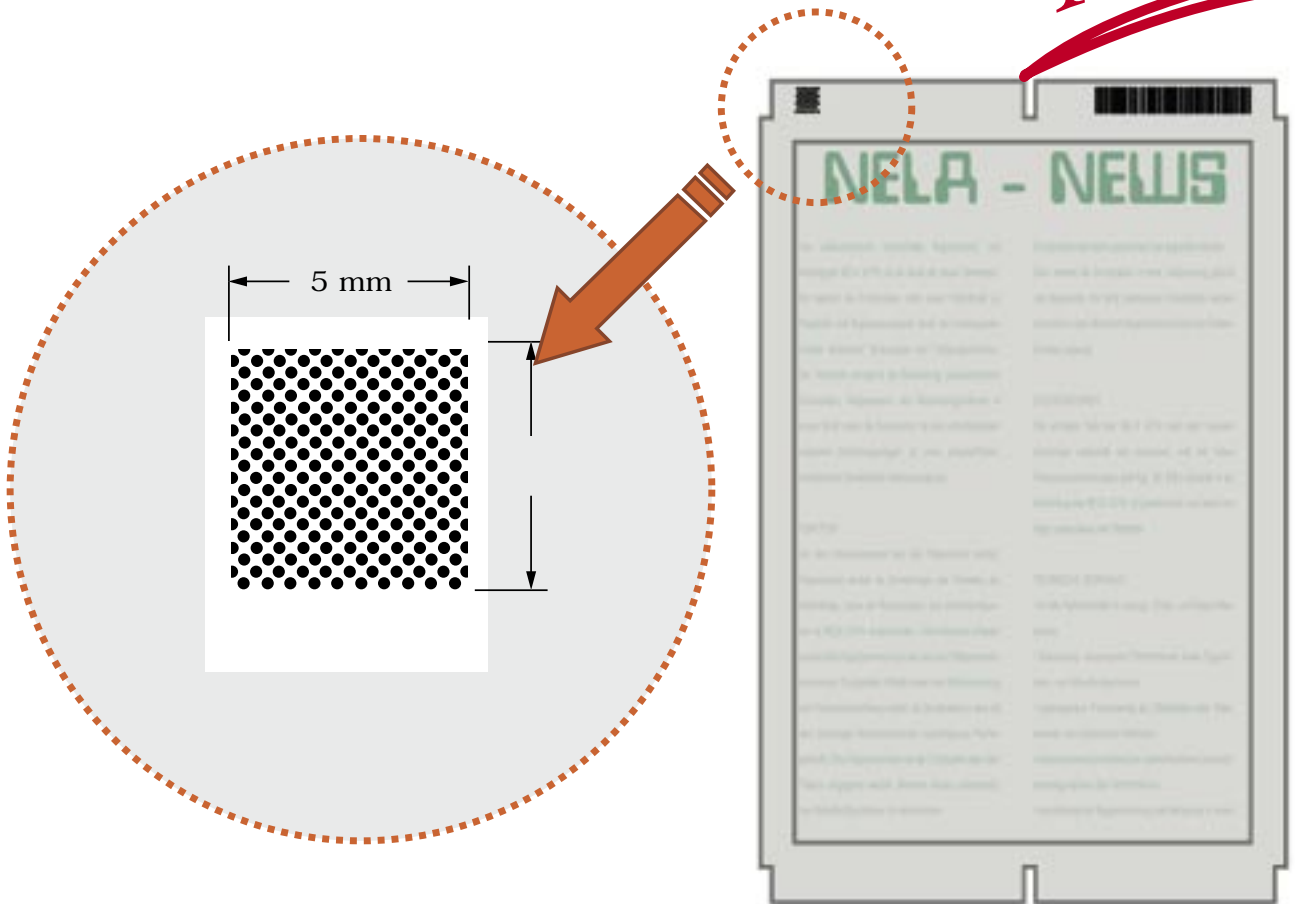


NELA PRECISION
PRIOR TO PRINTING

NELA PQM

INLINE - *PLATE* *QUALITY* *MEASUREMENT*

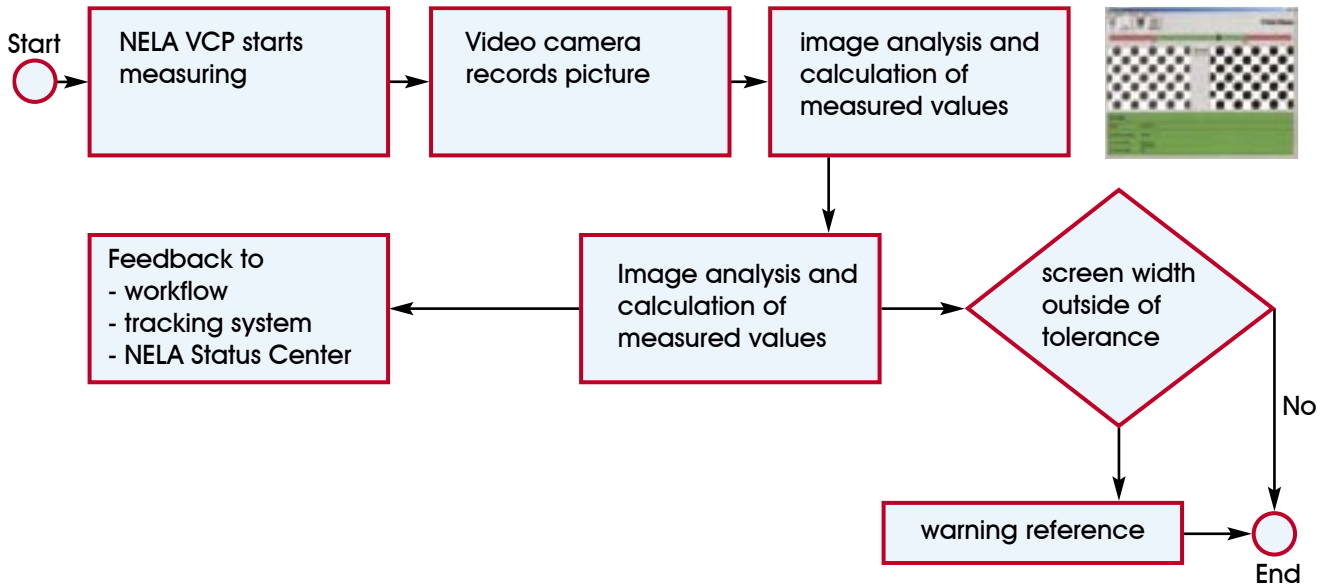
NEW



STATISTICAL EVALUATION ABOUT STANDARD SPC



MEASURING PROCEDURE NELA PQM



THE GOAL:

Quality control prior to printing for early recognition in quality variations during the exposure and development process of printing plates.

THE SOLUTION:

Fully automatic inline-/offline measuring of:

- photo polymers
- thermal
- conventional printing plates

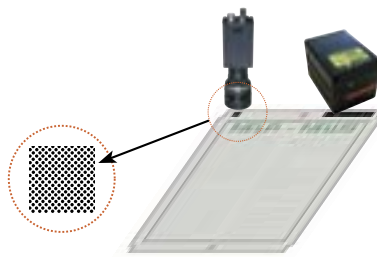
for:

- surface covering
- screen width
- screen angle

for all screen systems.



A so far unequalled measuring accuracy is obtained by use of a high resolution digital camera in connection with high-quality microscope optics and a sophisticated image analysis software.



A visual and acoustic message appears, if the given tolerances are exceeded or fallen below.

THE INTEGRATION:

The new generation of **NELA VCP** punching and bending system can be upgraded with the PQM package. The measured values can be directly taken from the PQM software to the existing workflow and tracking systems as well as from the NELA Status Center.

STAND ALONE SOLUTION:

For older NELA systems or for inline connections from other manufacturers NELA offers the integration of a stand-alone NELA PQM with a plate pull-in and turning table and PC control.



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