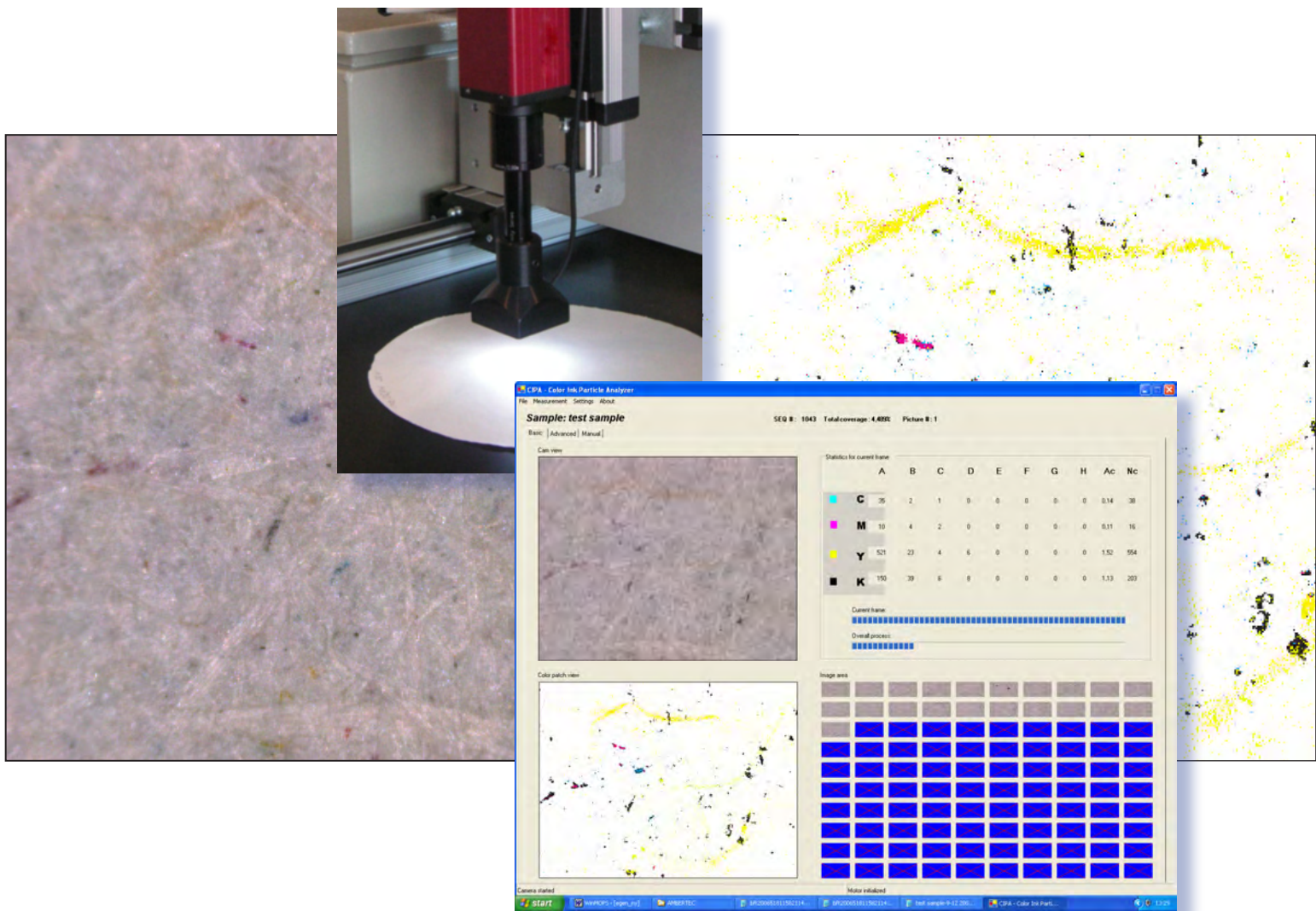


# OptiQ INGEDE CIPA

A new laboratory instrument for optimization of the deinking process



OptiQ AB  
industrial sensor technology

INGEDE

The instrument was developed under an INGEDE research project

# Technical Information

## CIPA Color Ink Particle Analyzer

The OptiQ INGEDE CIPA is an easy-to-use and robust color quality monitoring instrument for the deinking process. The instrument is designed for every day use in production and can also be used for research and development applications. Further,

the accurate color measurement of the OptiQ INGEDE CIPA gives the possibility for monitoring and compensating for long term variations in the deinking process.

Finally, the instrument gives the possibility to analyze

ink particles where colors have agglomerated.

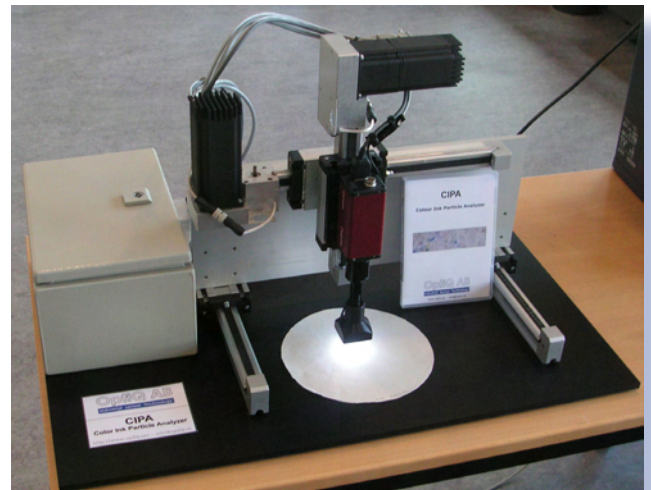
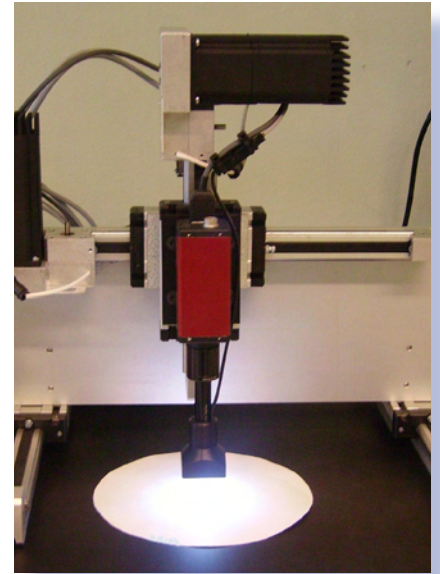
The OptiQ INGEDE CIPA instrument is produced under the licence of INGEDE.

### Features and Benefits

- Measures ink particles down to 4  $\mu\text{m}$  in diameter
- Full color separation C, M, Y, K
- Objects separated in 8 area classes
- Agglomerated combinations (CM, CK, CMYK, etc)
- Long life time and stable illumination
- Automatic calibration
- Robust auto-focus
- Straightforward user interface, single-click-operation
- Normal, Advanced and Manual mode
- MS Excel compatible result file

### The CIPA instrument comprise

- Digital color camera
- Optics and illumination
- Positioning table
- Computer with LCD screen
- Software
- Documentation
- Warranty
- Optional on-site support



### Contact Information

**OptiQ AB**  
industrial sensor technology

OptiQ AB  
Teknocenter 4, 302 50 Halmstad, Sweden  
Tel. +46 35 156689, Cell. +46 703 896689  
E-mail [info@optiq.se](mailto:info@optiq.se), [www.optiq.se](http://www.optiq.se)

  
**INGEDE**  
[info@ingede.com](mailto:info@ingede.com)  
[www.ingede.com](http://www.ingede.com)