

Technology Coaching BvbA

Your partner to improve and innovate by understanding your:

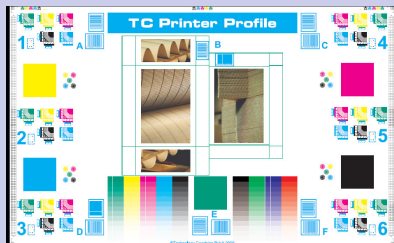
- Customers;
- Products;
- Processes;
- Suppliers.

Products:

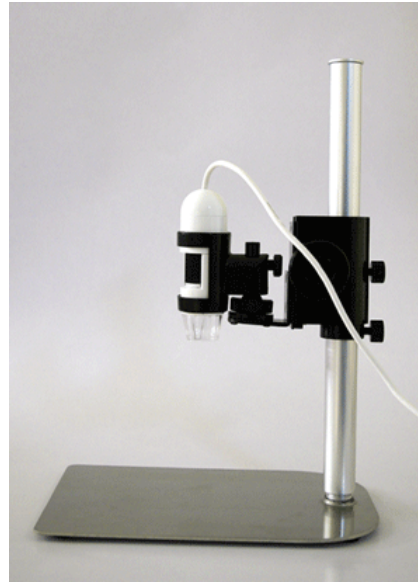
- Press Assess (Equipment productivity evaluation);
- IFT Analyzer (Screen Roll Inspection);
- Press Manager Foundation (Colour Quality assurance);
- ICCSforPMF (Ink formulation and colour database).

Services:

- Printing press assessment;
- Training/Coaching;
- Brand colour consistency;
- Supplier evaluation;
- Material rationalisation;
- Product development and innovation;
- Printing including: digital or on-demand printing, flexo, screen printing, gravure and offset;
- Ink utilisation evaluation;
- Cleaning procedures (screen rolls and printing tools);
- Intellectual property.



Print assessment test form



Microscope Stand



Technology Coaching BvbA

Kerkhofdreef 3/4
3001 Heverlee
Belgium

Phone: +32-16 652760
Website: www.tcbvba.be
E-mail: info@tcbvba.be



**Technology
Coaching**

USB Print Microscope



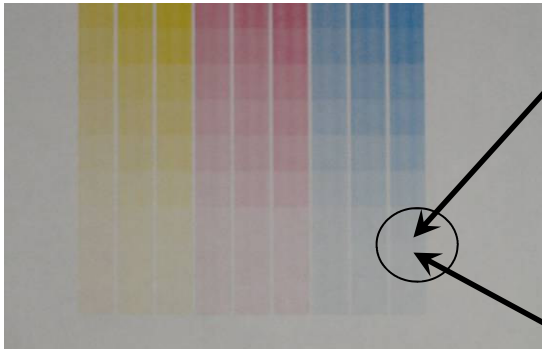
Technology Coaching BvbA

Phone: +32-16 652760

Print Inspection Microscope

The USB print microscope is a CCD camera with optics that allow a 20 and 200 time magnification. It is connected to your PC via USB. At ≈ 20 times magnification one pixel is $9.32 \mu\text{m}$. At ≈ 200 times magnification one pixel is $2.55 \mu\text{m}$. The microscope has a built in Led light source. No additional power is needed.

There is also a microscope available with 500



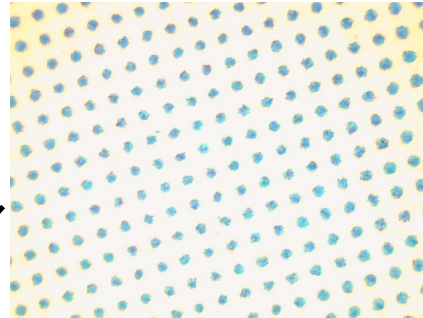
times magnification.

The microscope software runs under Windows 98, Me, NT4, 2000, XP, Vista and MAC.

The images can also be directly loaded in Microsoft Office or IFT Analyser.

The following versions are available.

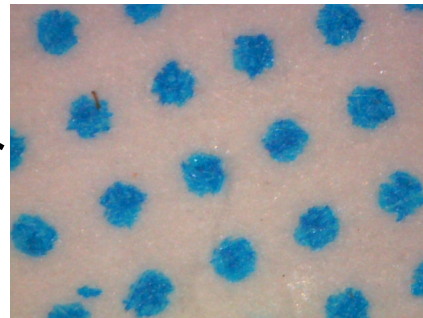
USB 2.0 Print Microscope Plus version. This microscope only works when connected to a USB 2.0 port it has VGA resolution. The software program allows measuring in the images made with the print microscope. It has 2 magnification settings 20x and 200x.



20 x Magnification

The 2 magnification settings are 20x and 200x.

USB 2.0 Print Microscope 500 version with Touch Button. This microscope is identical to the "USB 2.0 Print Microscope Plus version" The magnification is 500x. Only one magnification!



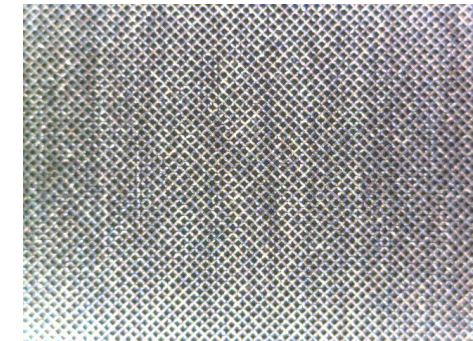
200 x Magnification

settings are 20x and 200x. There is also one with a 500x magnification. The chip for taking images has a resolution of 1.3 Mega pixels (4 times VGA).

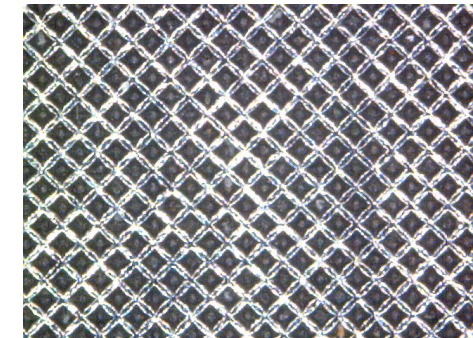
The professional version is also available with an aluminium housing making it more robust. It has a special diffuser for the led light source..

USB 2.0 Print Microscope Plus version with Touch Button. This microscope is identical to the "USB 2.0 Print Microscope Plus version" In addition it has a touch button for taking

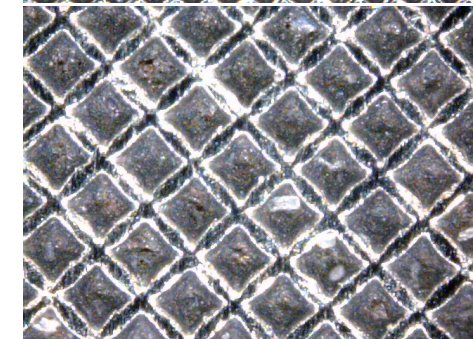
USB 2.0 Print Microscope Professional version with Touch Button. This microscope is comparable to the "USB 2.0 Print Microscope Plus". The magnification



20 x



200 x



500 x



Technology Coaching Bvba

Kerkhofdreef 3/4
3001 Heverlee
Belgium

Phone: +32-16 652760
Website: www.tcbvba.be
E-mail: info@tcbvba.be