PIT-Particle/Print Inspection Tool

SIBRESS
ITALY
Vinzenz Goller Weg 56
39040 St.Andrea-Bressanone
Tel/ Fax:+39 0472206532
Info@sibress.com

PIT-Particle/Print Inspection Tool

- What is PIT

  A handheld small digital Microscope

  The use is for inspection of even the smallest particles to enable the user to make images of these particles, materials like:
  - Paper, Metal, Plastic and so on

- Target use

  For all who want to photograph, digitize these small items

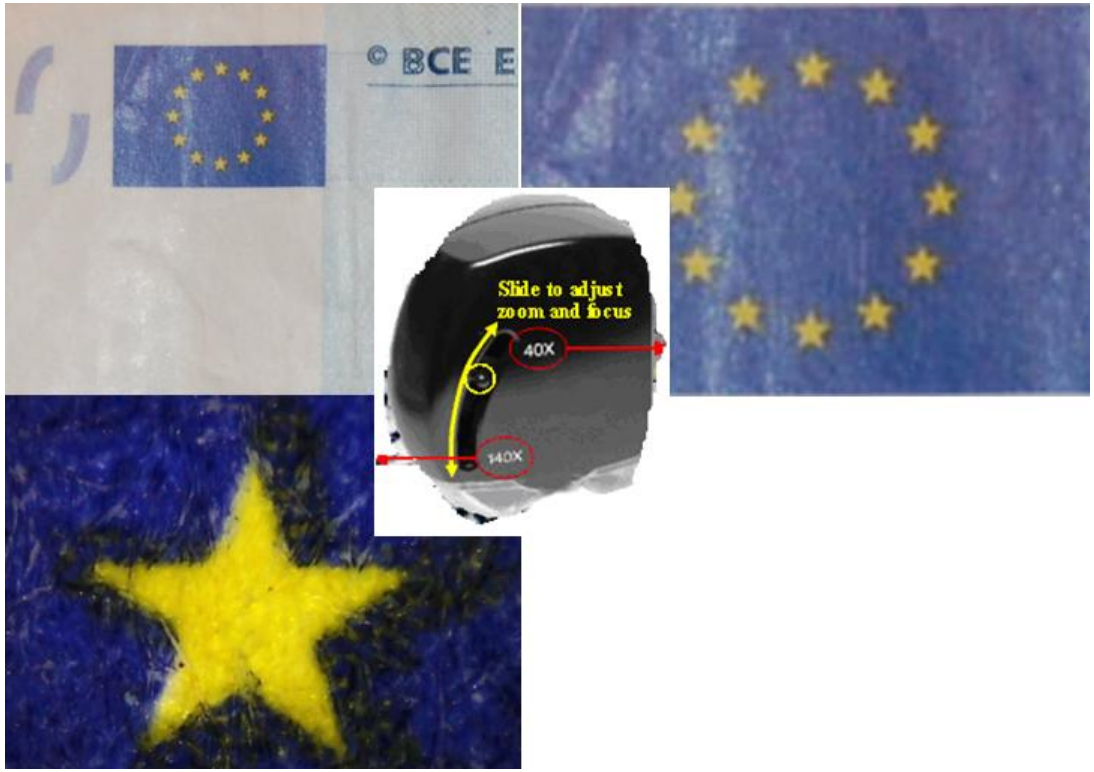
  For documentation of errors, to analyze

  and/or

  To combine images simply with comments and to simply e-mail them.

PIT-Particle/Print Inspection Tool

- What is the Microscopes range to enlarge particles:
- Effective enlargement **318%** / on an 19inch monitor
- plus up to 400% digital magnification of the captured image



PIT-Particle/Print Inspection Tool

- Technical Specification
- USB2 Port is required

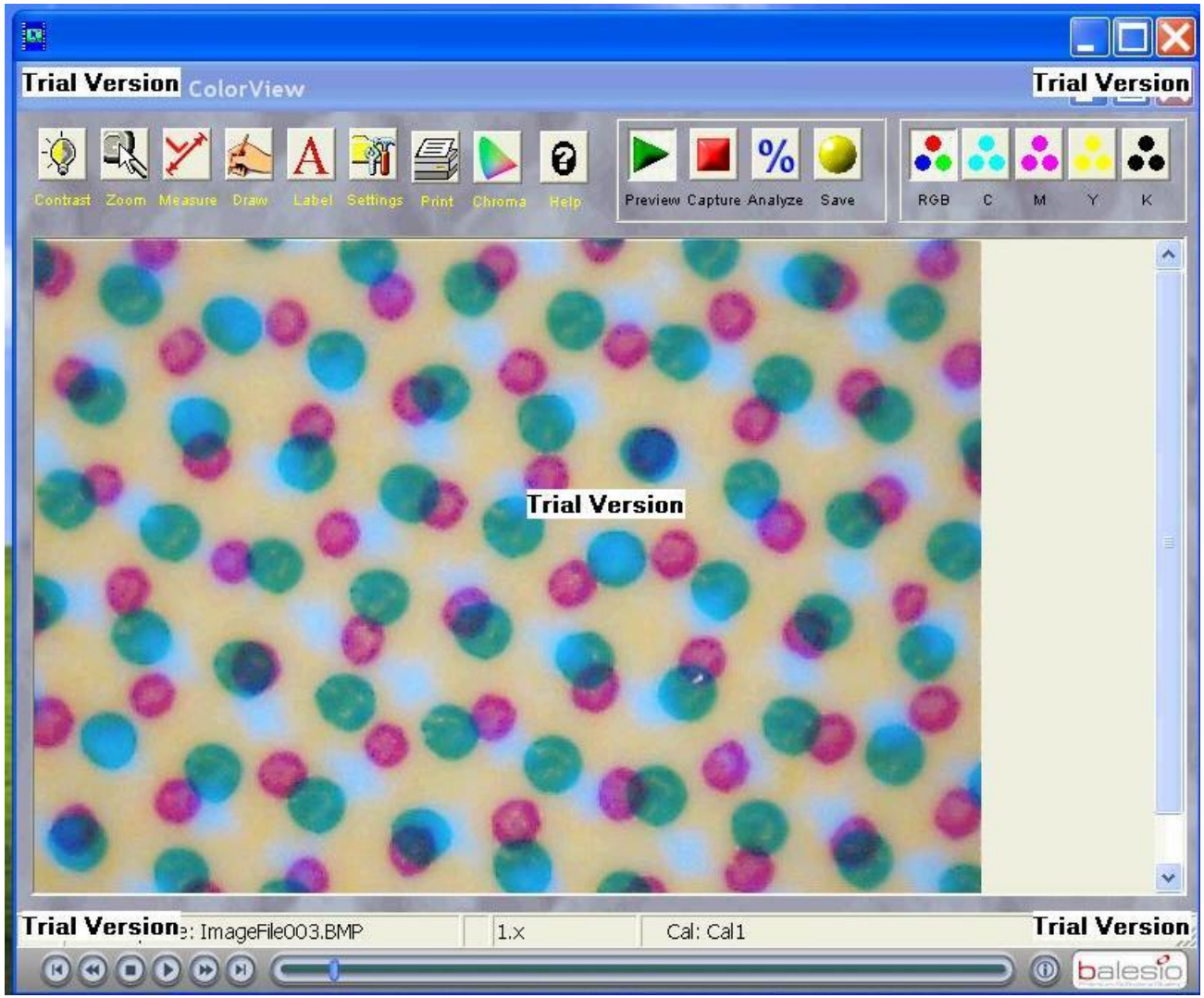
Image Sensor:	1/3” CMOS
Pixels:	640 x 480
Power:	USB port
Light Source:	High-output white LEDs
Field of View	
@40X:	7.5 x 10 mm
@140X:	1.8 x 2.5 mm
Resolution:	4 microns @ 140x magnification

Computer Requirements

Pentium III 500MHz or greater,
Windows 2000/XP, DirectX 8.1 or greater, Internet Explorer 5.0 or greater, USB port.

PIT-Particle/Print Inspection Tool

Applikation Images



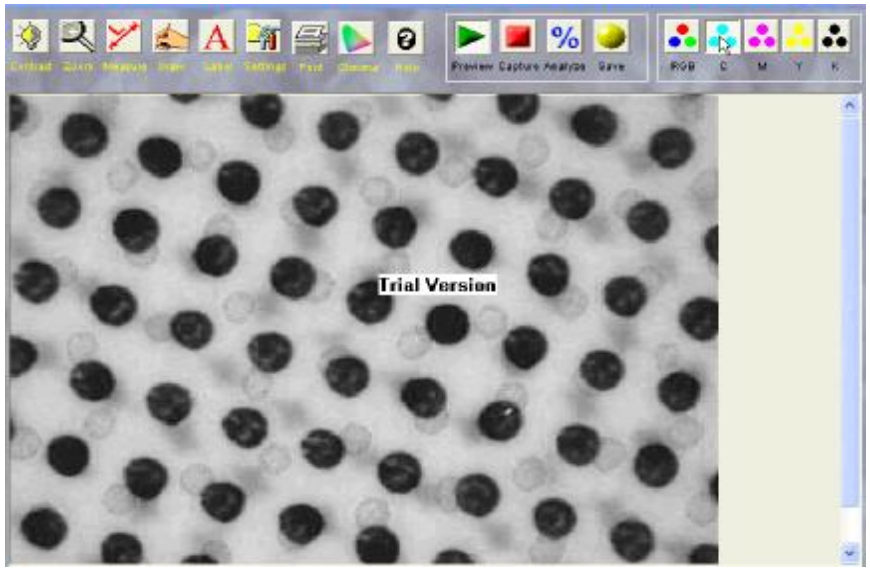
*Highlights

from 40 to 140 times magnification

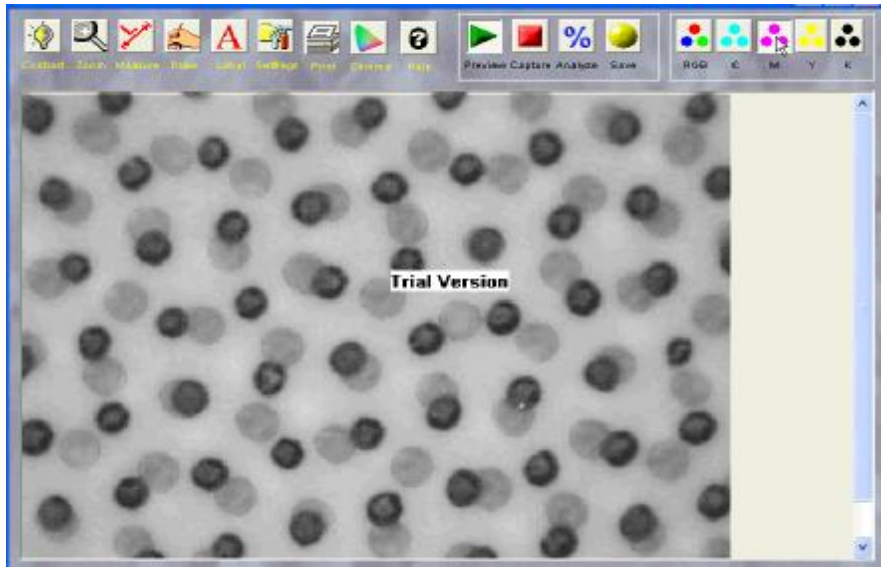
- **Simple to use**
- **Symbol based GUI**
- **Saving of CMYK color separations**
- **View CMYK channel**
- **Camera calibration for CMY**
- **Measure Diameter, length and distance of smallest items**
- **Various tools to measure**
- **Mark individual image particles**
- **User Calibration possible**

PIT-Particle/Print Inspection Tool

Applikation Images



Cyan Chanel separated

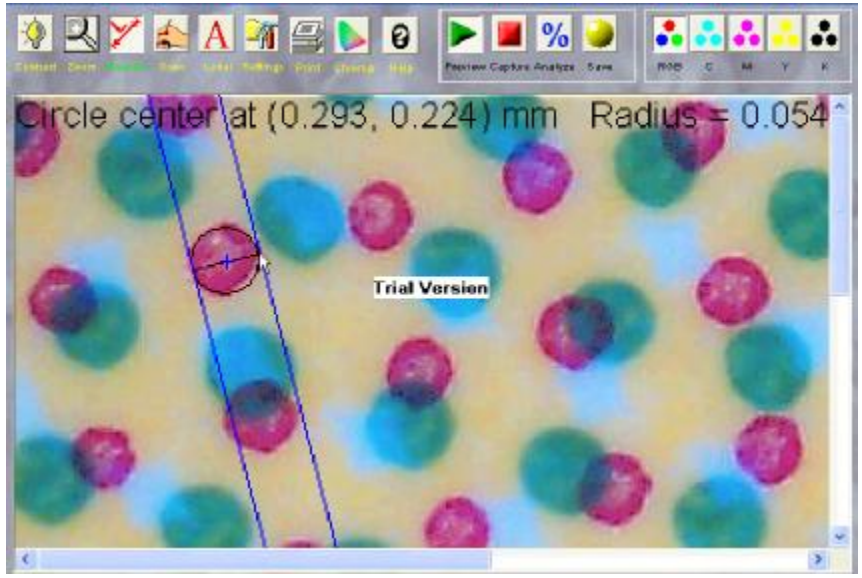


Magenta Chanel separated

PIT-Particle/Print Inspection Tool

Applikation Images

Enlargement of a printing dot



Measurement of a printing dot

With numerical information for diameter, distance, length and so on!