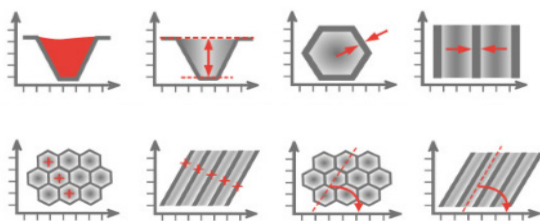


AniCAM HD & Anilox QC with PIXELOC™



Industry Leading Accurate Anilox Measurement

The new AniCAM HD allows users to achieve faster, more accurate results, whilst maintaining simple user interaction.



Automatic; Volume, Depth Cell Opening and Wall thickness, engraving screen, angle and condition of anilox



Due to the latest technology employed in the AniCAM HD the ability to simply and easily measure the volume and condition of anilox's and archive the inventory information is now viable and practical for every printer. Just 30 seconds to get an automatic 3D scan, all geometric measurements and rotatable 3D View for visual inspection at a click of a button.

AniCAM HD Features and benefits

High resolution image sensor (1024x768)	Greater image detail for enhanced analysis
On board image processing	Provides faster, cleaner imagery to enhance the analysis accuracy
Enhanced optical path	Improving imaging accuracy and interoperability
New LED lighting system	New lighting improves measurement of deep/complex cell structures
PIXELOC™ Closed loop drive control system	Allows the AniCAM HD to operate in challenging environments for greater accuracy
Intelligent user feedback display	Colour led system lets users know the status of the AniCAM HD
Improved ergonomic design	Lightweight, easier to hold and place on anilox
MagneCAM option	Allows the AniCAM HD to be used at any angle for on-press anilox measurement

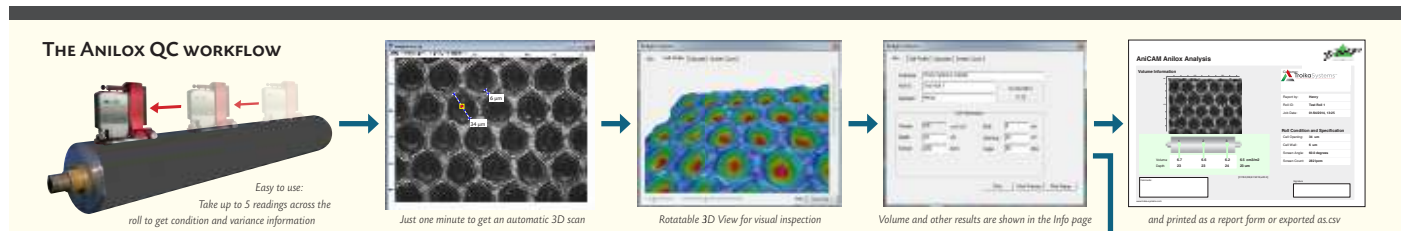
*If you can't **measure** it, you can't **control** it.*

Why Anilox Quality Control?

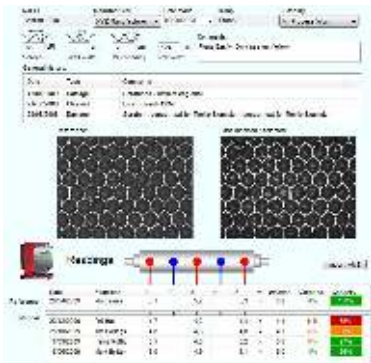
Knowing the condition of the anilox rolls for a printer/converter has been proven to save considerable press setup time and reduce waste which inevitably increases profitability. Many printers do not realise how much valuable time and cost has been wasted and how quickly they could now make considerable savings for their company by implementing anilox quality control.

Historically, to achieve the required densities, the printers are obliged to adjust the ink, when in reality the difference in volume of the anilox's largely influences the imbalanced densities. Until the advent of this easy to use quality control tool, the actual volume of rolls in the anilox inventory was in reality unknown to printers – making it impossible to know if the roll volumes are matched and optimised for press setup.

Now with the AniCAM HD users have the tool to provide them with this key information and to improve their operational profitability and improve their print quality.



Anilox Management System (AMS)



Whenever a roll is measured, the AniCAM readings can be transferred into AMS, an optional database application which builds a roll and volume/wear history based on this information. The AMS application should ideally be used to analyse the wear of all Anilox rolls in the printers inventory.

This example shows a cutout of an individual roll report. The two pictures show the cells of the reference and the last reading imported.

Roll History

↳ The results of the first (reference) readings across the width are displayed in this area.

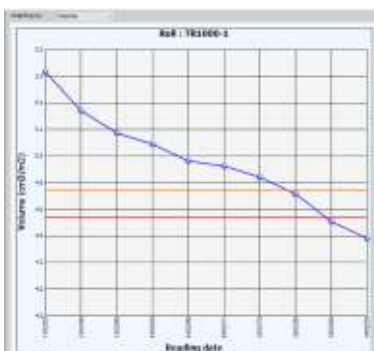
All subsequent readings are displayed below the reference reading in reverse order - the most recent reading is always displayed underneath the first (reference reading).

Roll Wear Graph

↳ A graphical representation of the volume and depth readings shows the user definable thresholds GOOD, OK or BAD, so it is known if the Anilox condition is acceptable for the press.

Roll Inventory Reports

The AMS reports provide detailed information on the condition of each roll in the entire Anilox inventory. The rolls are listed with their unique Roll ID, screen count, date of purchase, manufacturer name, current volume, volume variance across the roll, current capacity in percent compared to the first (reference) reading. In addition the volume variance across the roll width is shown and tracked.



www.troika-systems.com
Tel: +44 (0) 1793 766355
sales@troika-systems.com



Contact

When printers are managing their Anilox inventory they will be able to improve the press set up time through improved ink matching, reduced make-ready and waste and improved production profitability.

If you can't measure it, you can't control it.