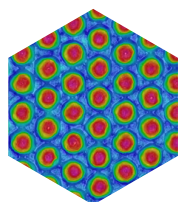


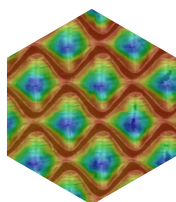
SurfaceCAM HD™



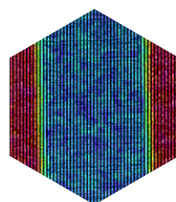
For **Low Screen Anilox** and **Engraving**.



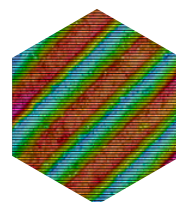
Anilox QC



Gravure QC



Embossing



Roughness



Inventory

Low Screen Anilox Quality Control

Favoured by engravers, SurfaceCAM HD™ measures low-screen anilox and coating rolls across 10–70 lpcm (24–180 lpi). It maps volume and structure across the roll and along its width to expose taper, wear and cleaning issues before they cost time on press.

Teams choose the right roll first time, reach density quickly, and cut ink and substrate waste, with results stored in Troika Management System™ (TMS) for traceable history and planned refurbishment.

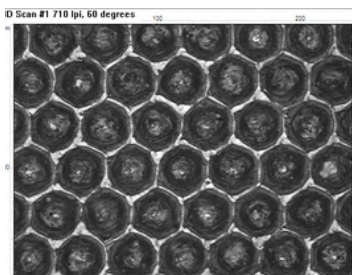
Outcomes

- Faster approvals with fewer trial swaps and repeat set-ups
- Lower spend through reduced ink use and scrap
- Consistent colour across jobs and sites

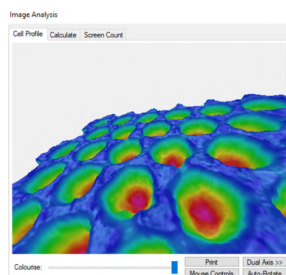
How It Works



**Take up to 5 readings
for condition and
variance information**



Capture depth, volume, and structure in seconds.



Rotatable 3D View for visual inspection

Customer	Troika Systems Limited				
Roll	700lpi	26/03/2024			
Operator		11:23			
Comment					
Cell Information					
Volume	4.4	cm ³ /in ²	Wall	0.0	um
Depth	13	um	Opening	0.0	um
Screen	710	lpi	Angle	60	deg
			Print Distance	0	

View results like volume, cell depth, and surface structure.

Roll Information			
Serial Number:			
Roll ID:	TR1000 old		
Manufacturer:	Brand X Anilox		
Width:	1024	Diameter: 8	
Material:	Ceramic		
Structure:	Standard Cell		
Suitability:	Solids		
Upload Datasheet			
Print Report			
Add Comment	Date	Comment Type	Comment
Delete Comment			
		Damage	Score Mark, 3mm, located 120mm from
		Movement	Now allocated to Corn Gluing
		Damage	small chip at drive side

Export PDF reports. Data saved to Troika Management System™.

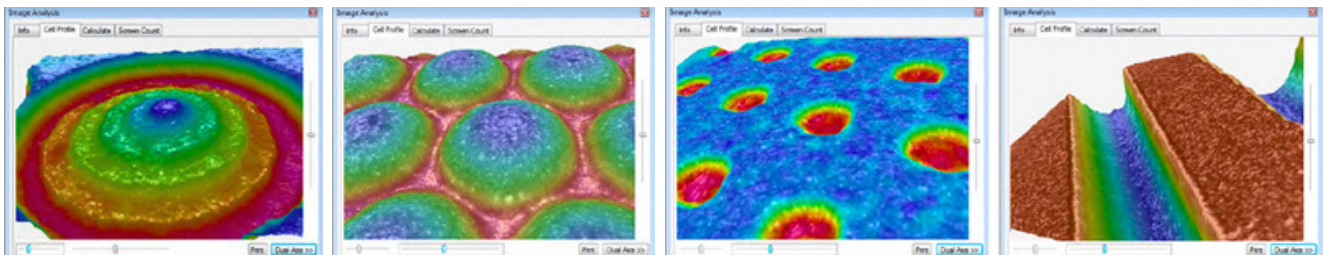
■ Engraving & Embossing Quality Control

Set pressure and temperature with confidence, check relief is even across the web, and achieve your target finish in fewer pulls. You reduce foil and substrate waste, cut make-ready minutes, and keep texture, gloss and pattern definition consistent.

Verify new cylinders against clear acceptance criteria and keep the evidence on file. Plan refurbishment before quality drops and keep standards aligned across all sites.

Outcomes

- Predictable finish with controlled depth and relief
- Confident decisions on maintenance or replacement based on measured change
- Fewer on-press adjustments



■ Experience the SurfaceCAM HD™

SurfaceCAM HD™ pays for itself by cutting make-ready and material loss. By choosing the right roll, timing cleaning your refurbishment on evidence, you lower ink and substrate spend, avoid unplanned re-engraves, and extend cylinder life.

The result is a lower cost per job, steadier throughput, and more saleable work per shift. Managers gain predictable budgets and proof for audits and customer queries.



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

+44 (0)1793 766355
www.troika-systems.com
info@troika-systems.com

