

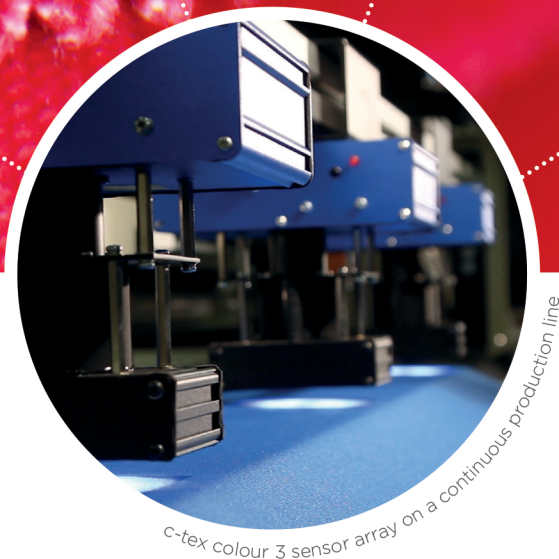


De-batch and segregate rolls according to colour variation

Send **objective information** in simple formats to **colleagues** and **customers**

Real time colour variation information

No need to take **physical swatches**



C-TEX COLOUR ONLINE COLOUR MONITORING

Configuration: Dyers, Printers and Finishers

Fabric dyeing, printing and finishing is a challenge – obtaining colour consistency to target, between batches and within batches is not easy. **C-TEX COLOUR** has been developed to help you better manage colour variation challenges in real time.

We retrofit **C-TEX COLOUR**: three sensor array to your existing inspection machine or any roll-to-roll machine.

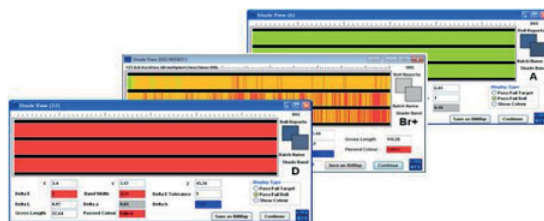
We install three sensors: left-middle-right across your machine.

New Capabilities

1. You can de-batch and segregate rolls according to colour variation.
2. If there is colour variation across the width you can reprocesses or send c-tex planning maps to your customers to plan their cutting production.
3. Real time colour variation information
4. You can send objective information in simple formats backwards to colleagues in dyeing and forwards to your customers.
5. No need to take physical swatches – save fabric and time

The Information C-TEX COLOUR provides

1. Roll Maps: simple traffic light system to review each roll
2. Spreadsheets in Microsoft format to batch rolls and share information



Roll Maps

DyeLot #	Roll ID Number	Roll Number	Gross Length	L	D	R	B	Y	To Target	To Roll	Roll	Band	BATCH	Corrected	Shade	Level
									Colour	Colour	Delta E	Width	Band	Delta E	Group	(% Unelev)
030721	034/002255/	5	62.44	OK	OK	OK	OK	OK	Passed	Passed	0.25	0.5	A_r+	0.00	A	Level (0.1)
030721	034/002255/	6	60.13	OK	OK	OK	OK	OK	Passed	Passed	0.25	0.5	Algb+	0.25	A	Level (0.0)
030721	034/002254/B	2	9.88	OK	OK	OK	OK	OK	Passed	Passed	0.25	0.5	Algb+	0.25	A	Level (0.0)
030721	034/002254/B	3	60.07	OK	OK	OK	OK	OK	Passed	Passed	0.25	0.5	Algb+	0.25	A	Level (0.1)
030721	034/002254/B	1	60.00	OK	OK	OK	OK	OK	Passed	Passed	0.25	0.5	Algb+	0.25	A	Level (0.1)
030721	034/002255/	4	55.07	OK	OK	OK	OK	OK	Passed	Passed	0.25	0.5	Algb+	0.25	A	Level (0.1)
030721	034/002256/	7	59.96	OK	OK	OK	OK	OK	Failed	Passed	0.5	0.75	Al_b	0.25	A	Level (0.0)
030721	034/002257/A	10	50.52	OK	OK	OK	OK	OK	Failed	Passed	0.5	0.75	Al_b	0.25	A	Level (0.3)
030721	034/002257/A	11	46.74	OK	OK	OK	OK	OK	Failed	Passed	0.75	0.75	B_rlb	0.50	B	Level (0.5)
030721	034/002256/	9	38.33	OK	OK	OK	OK	OK	Failed	Passed	0.5	0.75	Algb-	0.75	B	Level (0.0)
030721	034/002256/	8	30.1	OK	OK	OK	OK	OK	Failed	Passed	0.5	0.75	Algb-	0.75	B	Level (0.0)

Delta: Tolerance Used 0.60		Tolerance Test		<div><div></div><div>0.6</div></div>	<div>Reset</div>
<div>Clipboard</div>	<div>Export Data</div>	<div>Export Report</div>	<div>Export Report Short</div>	<div>Shade Spread</div>	<div>Print Shade R</div>
<div>Total Rolls</div>					
<div>Summary</div>					
<div>11</div>					
<div>6 Rolls Passed Compared To Target 5 Did Not / 11 Rolls Passed Compared To Roll 0 Did Not</div>					
<div>0 Rolls Unelev Within Themselves</div>					

Spreadsheet to segregate rolls

Technical capabilities

Delta E Equations
CIE1976, CMC2:1, CMC1:1

Chromaticity
TL84, D65, incandescent, cool white and others upon request

Materials
Solid colours, patterns, printed fabric, fleece and lace

Accuracy
0.2 Delta E, if required
[slight variation can result dependant on Delta E Equation used]

Maximum material speed under sensors
200m/min

Output data formats
Roll maps, excel reports, direct output to ERP

Mode of operation
c-tex colour monitors colour variation against your master colour standard swatch



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