

— INLINE SPECTRAL SCANNER

DeltaOne.

MULTISPECTRAL IMAGING
36 BANDS · 10 NM

DeltaOne is an inline spectral measurement instrument that sits at the press, beside the operator. It reads the colorbar on the running web and turns it into one thing: **what to do next.**

Multispectral Imaging across **36 bands at 10 nm** resolves each patch spectrally rather than by filtered density, so colour is judged in **CIE L*a*b*** against the job's aims — at full production speed, on a colorbar as small as **2 × 2 mm**.

Measurement runs continuously on both sides of the web, and the instrument reports a correction the operator can act on immediately — not a report read after the run.



500 m/min PRESS SPEED	2 × 2 mm SMALLEST COLORBAR	0.1 ΔE REPEATABILITY	0.3 ΔE INTER-INSTRUMENT
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CAPABILITIES

- 01

2 × 2 mm colorbar

Spectral measurement on the smallest colorbar in the industry — for packaging where every millimetre of substrate counts.
- 02

Compact form factor

Mounts inline without redesigning the press, with 50 mm of usable measurement width.
- 03

Optical high definition

Optical zoom delivers fine detail on patches, microtext and registration marks alike.
- 04

Intelligent patch control

Patch size, shape and registration are evaluated on every read, so every reported measurement is trustworthy.
- 05

Automatic colorbar detection

A motorised system finds the colorbar, positions itself and measures both sides of the web — no intervention per job.
- 06

Our software, your workflow

DeltaOne runs Veoria's own on-press application, and its data exports to MeasureColor and ChromaChecker.

TECHNICAL SPECIFICATIONS

Every number, every tolerance.

BANDS	36 bands · 10 nm
COLOUR SPACE	CIE L*a*b*
ILLUMINANT	D50 or D65
SPEED	500 m/min
MEASUREMENT WIDTH	50 mm (2")
COLOUR CONTROL	Colorbar as small as 2 × 2 mm

ΔE REPEATABILITY	0.1
INTER-INSTRUMENT	0.3 ΔE
CALIBRATION	White ceramic · automatic
DIMENSIONS	H 360 · W 162 · D 200 mm
INSTALLATION	Motorised · both sides of the web
SOFTWARE	Veoria on-press software (included)

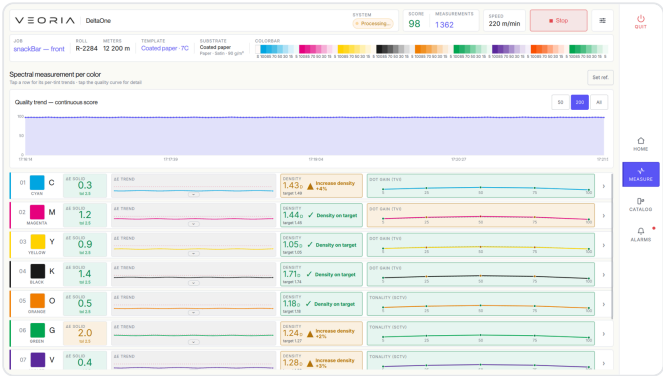
ON-PRESS SOFTWARE

One screen. One glance. One decision.

DeltaOne runs Veoria's own application at the press. A continuous quality score across the roll, then one row per ink — ΔE against aim, the density correction to make, and dot gain tint by tint.

Templates bundle inks, substrate, tolerances and colorbar, so two runs of the same product are judged identically.

- EXPORTS TO MEASURECOLOR
- EXPORTS TO CHROMACHECKER



PRESS COMPATIBILITY

Flexo Inline measurement on narrow-web flexo presses — the most common DeltaOne deployment.	Offset High-speed compatibility for label and folding-carton offset presses, including hybrid lines.	Digital Measure at full production speed without slowing the imaging path.	Gravure Wide-web deployment for flexible packaging with the same 2 × 2 mm precision.
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See DeltaOne on a press like yours.

Tell us about your setup — press type, web width and colour workflow — and we'll come back with a 30-minute demo tailored to it.

veoria.fr — Request a demo

hello@veoria.fr
Mon–Thu, 09:00–19:00 CET

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