

ICMS™ zero Certification

ICMS™zero

SPECIFICATION

CERTIFICATION

BENEFIT

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ICMS™ zero Certification

The ICMS™ zero certification version, according to ACMS™ zero standard enables products to be subjected to a spatially resolved quality control during the ongoing process without interrupting production for the first time.

ICMS™ zero certificates are used to objectively assess the colour impression of solid-coloured and decorative samples.

The production release and / or the production itself is certified based on the Similarity Index. There is no need to exchange physical samples for a visual assessment of the production.

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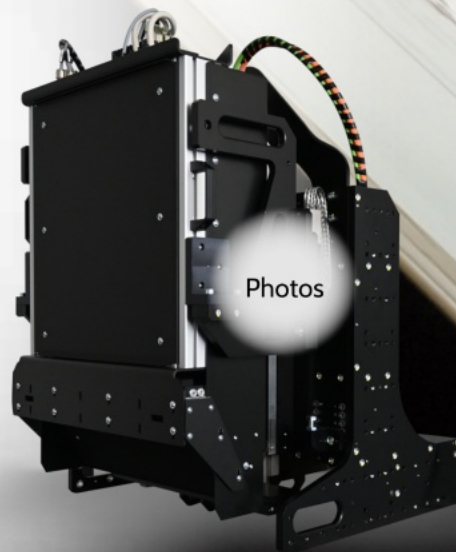
Specification & Dimensions ICMS™ zero

Specification:

- Measurement geometry - $45^\circ / 0^\circ$
- Measuring speed - max. 350 m / min
- Spectral range - 380-730 nm
- Spectral resolution SW - 10 nm
- Spatial resolution ~ 90 dpi (250 μm)
- Light source - LED
- Trigger mode - Free run / external trigger
- With ICMS zero, measurements can be carried out in accordance with ISO 24585-2:2023
- Traversing - possible

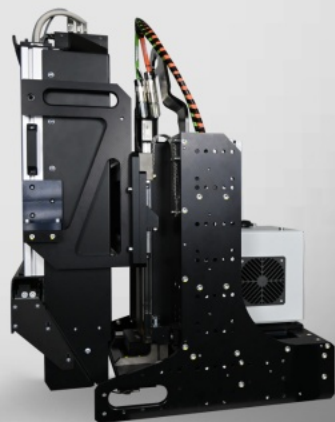
Dimensions:

- Width - 630 mm
- Height - 1005 mm
- Depth - 732 mm



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ICMS™ zero



Certification - Drift Measurement with ICMS™ zero

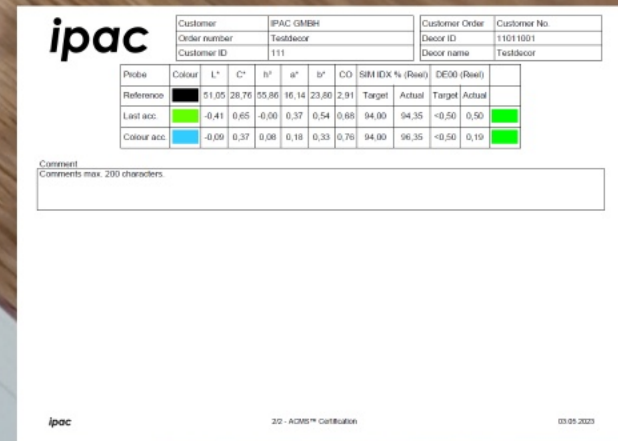
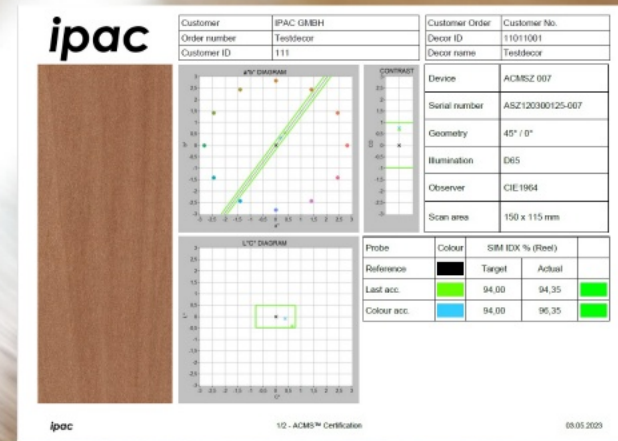
Certification:

- The objective measurement replaces the subjective (visual) quality control
- Creation of ICMS™ zero certificates
- Quality control based on the similarity index and channel-specific tolerances
- Certified production stability
- Certification of solid-coloured and decorative products
- Certificates, conform with ISO 24585-2:2023

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Drift measurement:


- Monitoring the production of decorative or solid-coloured samples in real time
- Detection of colour drifts within individual roles, batches, ...
- Control and reduction of production fluctuations



Customer Benefits ICMS™ zero

- Replacement of visual assessment with objective measurements → standardization
- Non-destructive inline certification
- Production control, identification of colour drifts and production variations
- Cost savings through the elimination of physical samples and the associated logistics
- Consistent documentation of the process → basis for subsequent optimization
- No internal or external complaints
- Reduction of the psychological stress for employees through objective colour quality control

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