

ipac

SPECIFICATION

CHANNEL SPECIFIC
TOLERANCES

CERTIFICATION

BENEFIT



The certification version uses ACMS™ zero measurement information to create certificates.

ACMS™ 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.

With ACMS zero, measurements can be carried out in accordance with ISO 24585-2:2023.

ACMS™ zero Certification





Specification & Dimensions ACMS™ zero

Specification:

- Geometry - $45^\circ / 0^\circ$
- Measuring area - 115x300 mm (920px x 2400px)
- Spatial resolution - 125 μm (203 dpi)
- Spectral range - 380 - 780 nm
(5nm resolution => 81 bands)
- Spectral resolution - 5 nm
- Light source - LED (20.000h)
- Compliant to ASTM / CIE / ISO color measurement standards
- High absolute inter instrument agreement



Dimensions:

- Width - 0,90 m
- Depth - 0,60 m
- Height - 0,50 m



Channel Specific Tolerances ACMS™ zero

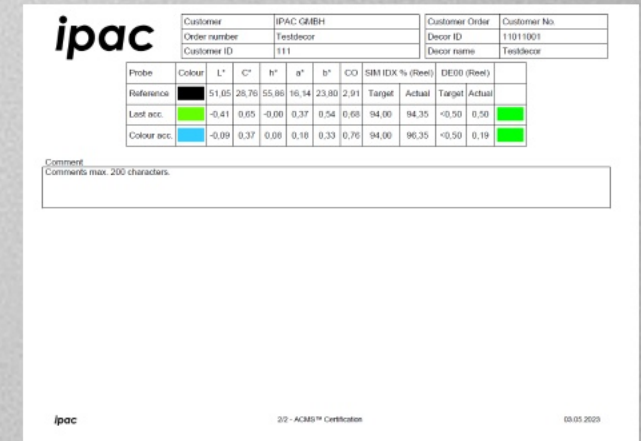
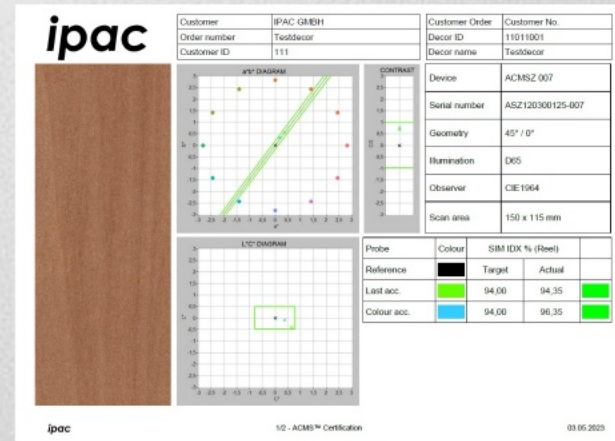
- Decor specific tolerances for the values L^* , C^* , h° , DE 2000, contrast and similarity index are set in the tolerance value manager.
- Channel specific tolerances protect against colour drifts and avoid “final approval” discussion.

[illegible]



Certification - SAM - Standard Analysis Module with ACMS™ zero

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





Customer Benefit ACMS™ zero

- Replacement of visual assessment by objective measurement → standardization
- Production control, identification of colour drifts and production variations
- Customizable tolerance limits (similarity index, channels L^* , C^* , h° and contrast and DeltaE2000)
- Individual certification for customers
- 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 on employees



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