Control device

FOGRA
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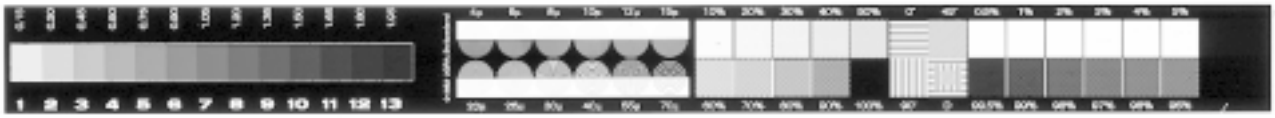
UGRA Plate Control Wedge 1982



This fully featured control block has primarily been created for the control of offset platemaking. The presence of a 9 step halftone wedge also makes it highly suitable if the characteristic curves need to be determined during proofing and production printing.

The Ugra Plate Control Wedge 1982 consists of line film with a continuous tone film (grey wedge) mounted on it with double-sided adhesive tape.

It contains the following groups of panels

- Continuous tone wedge consisting of 13 panels that increase in density in steps of 0.15. Used for the determination of the gradation of an offset plate, as an-additional control aid during negative platemaking (hardening of the coating) and, with suitable photo coating/ developer combinations, for the control of the developer status.
- Microline panel for the visual control of tonal value transfer in platemaking. It contains lines and gaps varying in width from 4 mm to 70 mm. The gradation of the panel is fully compatible with the FOGRA PMS system.
- Halftone wedge, consisting of 9 panels increasing in steps of 10% and a solid panel for the densitometric control of tonal values or the dot gain during printing. The screen ruling of these halftone panels is 60/cm and the dots are slightly elliptical.
- Slurring and doubling panels for the visual and densitometric control of rolling faults. A screen ruling of 48/cm is used at angles of 0°, 90° and 45°.
- Highlight and shadow panels for the visual control of the areas of the lightest of darkest tonal values on the plate.

The control block can be used for both positive and negative platemaking.

Ordering information
Ugra Plate Control Wedge 1982,
Art. No. 300

Price: on request
(FOGRA-members get a discount of 25 %)

The control block is supplied with detailed instructions for use. The reference values accepted in the industry for standardized tonal value transfer during printing and platemaking are contained in DIN 16620-2, ISO 12218 and DIN ISO 12647-2 standards.

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