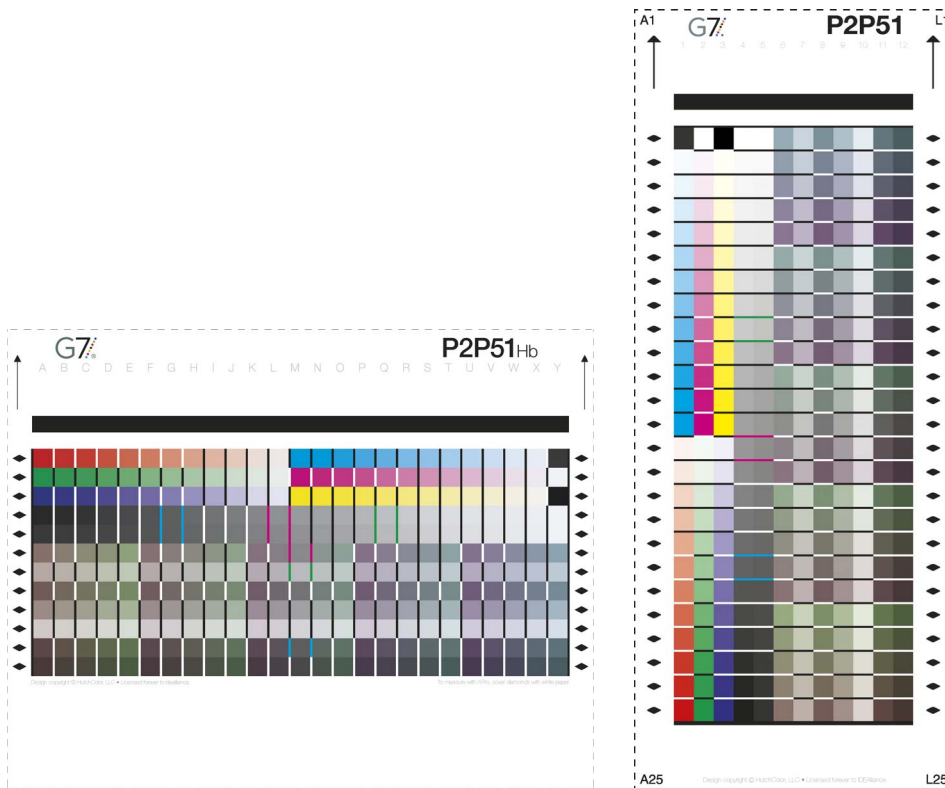


Introducing the P2P51_{Hb}

Note: The P2P51_{Hb} replaces the earlier P2P51_H and P2P51_{Ha} targets, both of which failed to measure on some i1iSis units.

The new P2P51_{Hb} calibration target has the same patch values as the P2P51, but is arranged in horizontal format instead of vertical.



P2P51_{Hb} and P2P51

Benefits

- The P2P51_{Hb} reduces measuring time by about 30% on X-Rite iSis instruments.
- Image size is slightly smaller than the P2P51 (not counting white area below patches).

Instrument compatibility

The P2P51_{Hb} is currently compatible with:

- Konica Minolta FD9
- X-Rite i1iSis and iSis XL (1 & 2)
- X-Rite i1Pro (1 & 2, hand-held or with iO table).

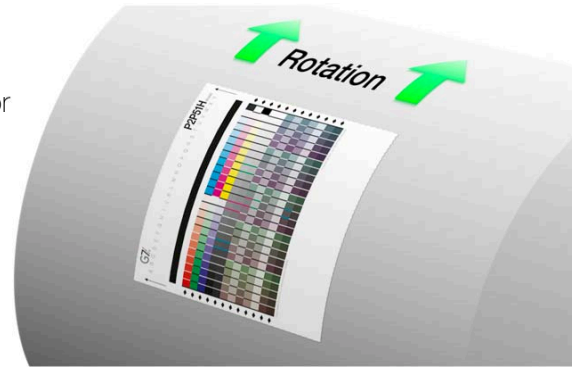
P2P51Hb

G7 Master submissions

Print samples submitted for G7 Master testing may include the P2P51 or the P2P51Hb.

Orientation on press

On printing systems subject to uneven inking or directional ink exhaustion, align the P2P51Hb so the gray ramps point in the direction of paper travel (e.g. around an offset press cylinder). This will minimize the chance of variations within each gray ramp and typically yield smoother curves and better G7 Master $w\Delta Ch$ and $w\Delta L^*$ scores.



Supplied reference files

Place the i1Profiler reference files ...

- P2P51Hb_i1Pro_iO.rwx
- P2P51Hb_i1Sis.rwx

... where they can be easily found by the measuring software.

Supplied target image file

The supplied 8 bit TIFF CMYK target image was produced using LSB error diffusion, which gives each patch an effective precision of 16 bits per channel. This extra precision can be especially important in light gray patches of 15% or below.

Note that user-created targets (from the supplied CGATS text file) may not have the same precision but should be adequate for most purposes.

CAUTION: Lossy (e.g. JPEG) compression or re-sizing can reduce or eliminate the 16 bit precision in the supplied target.

Measuring with a hand-held X-Rite i1Pro (1 or 2)

If the target will only be measured with the i1Pro, the diamonds can be cropped or removed in pre-press, but remember to leave about $\frac{3}{4}$ " (2 cm) of white space at each end of the rows.

If the same target will also be measured with an i1Sis, print it exactly as supplied then cover the diamonds with white paper before measuring it with a hand-held i1Pro.

If measuring with the i1iO, there is no need to cover the diamonds.