

# Print Quality Monitoring Chart

version 5

Tracks density and color balance of any printing device

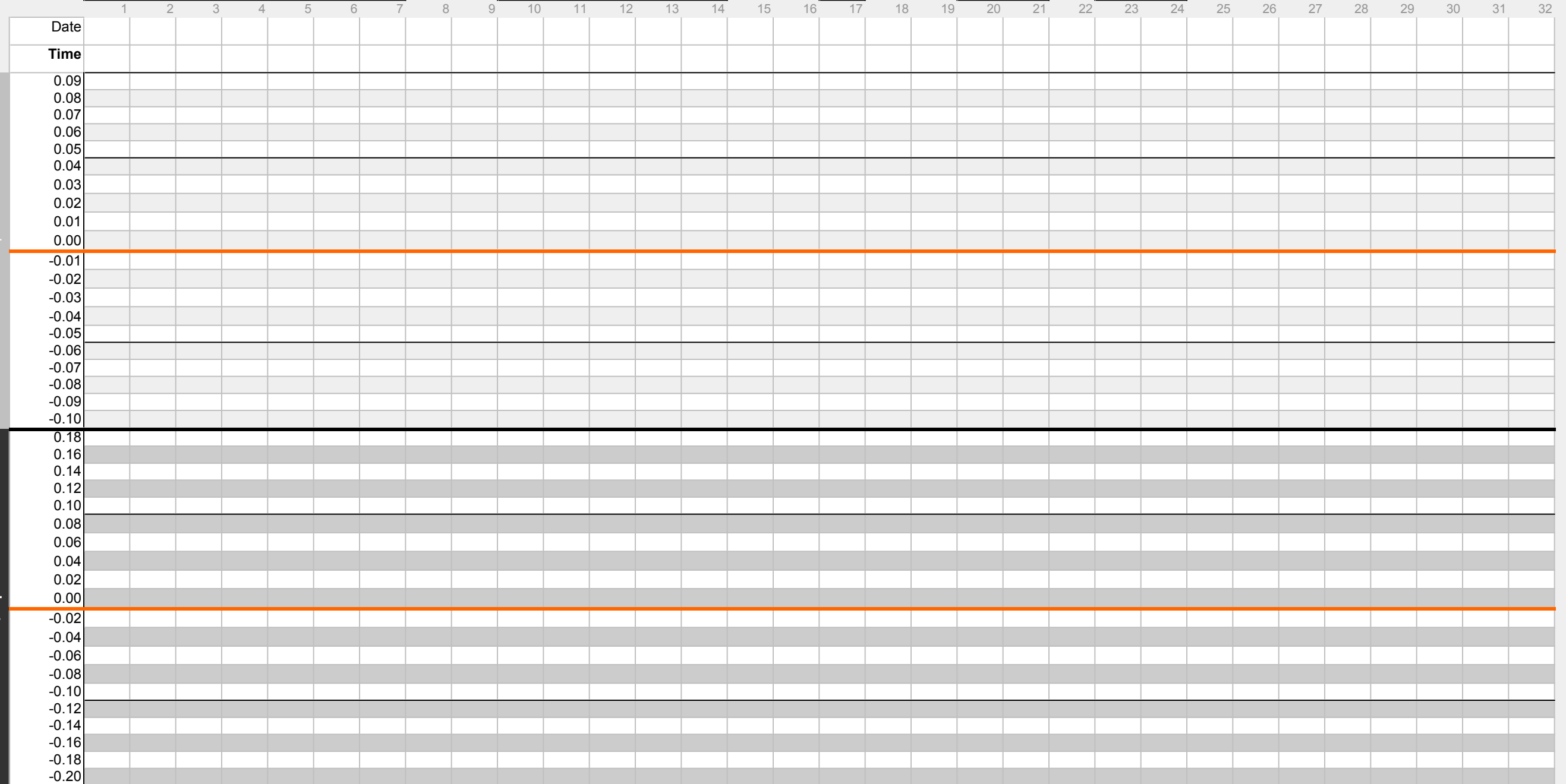
**Instructions:**

- 1 Create a 'master' print which represents the ideal condition of the device
- 2 Measure and record the INDIVIDUAL C, M & Y densities of the 50% CMY Gray patch under 'Master Gray Densities'
- 3 Measure and record the VISUAL (neutral) Density of the 50% Black patch under 'Master Gray Density - K'
- 4 Measure and record the individual solid (100%) CMYK densities of each ink under 'Master Solid Densities'
- 5 On subsequent prints, measure the same patches (50% CMY, 50% K & solid CMYK) and plot the values above or below the nominal line to show deviations from the master values
- 6 Draw a line between each new entry and the previous one, using color-coded pens

**What to look for:**

- The DIFFERENCE between CMY in the 3-color gray patch should remain as constant as possible
- If the CMY gray densities drift from the master difference (indicated by 'crossed curves' on the graph), the gray balance of printed images will change
- If the AVERAGE densities of the CMY &/or K 50% patches drift up or down, the darkness and contrast of printed images may change
- Changes in solid ink densities are MUCH LESS IMPORTANT than changes in 50% patches

Device:  Media:  Sheet #:  From date:  To date:



**Master Gray Densities**

C	
M	
Y	
K	

+  
-

**Master Solid Densities**

C	
M	
Y	
K	

+  
-

Notes: