

GMI: Color Quick N

In brief

■ **System name:**
Color Quick N

■ **Manufacturer:**
Graphic Microsystems, www.
avt-inc.com

■ **Measuring device:**
Spectrophotometer

■ **Measuring position:**
Measures in the grey balance measurement element (two 2 x 4 mm control patches per inking zone)

■ **Function:**
A traversing measuring head scans control patches in the running web.



Color Quick N in use in production

ColorQuick N is a colour measurement and control system for newspaper presses that works with small grey balance measuring patches.

ColorQuick N is the inline colour control system for newspaper applications of Graphic Microsystems, Inc. (GMI), a subsidiary of Advanced Vision Technology, Ltd. (AVT). ColorQuick N uses a spectrophotometer to measure the colour in a grey bar with two small (2 x 4 mm) grey balance measuring patches per inking zone in the running web and controls it in a closed-loop system. The real time production data is stored automatically for later use by the Color Manager Station in reports.

Special features of the system and advantages for the user

The special features of ColorQuick N include:

- ISO standard spectral measurement
- Produces L*a*b* and calculates Delta E values
- Evaluation and control based on a 2 mm-wide, inconspicuous grey balance element
- Lowers waste and eliminates subjective influences
- Supplies statistical colour quality analyses for process improvement
- Calculates the values for dot gain curve correction
- Optional: Color Manager Spectral Reporting

With MicroColor II-N, GMI offers a remote digital colour control for newspaper offset presses that can be used to centrally control up to 16 four-high towers.