

ONLINE SPECTRAL/COLOR IMAGING FOR PRINTING CONTROL

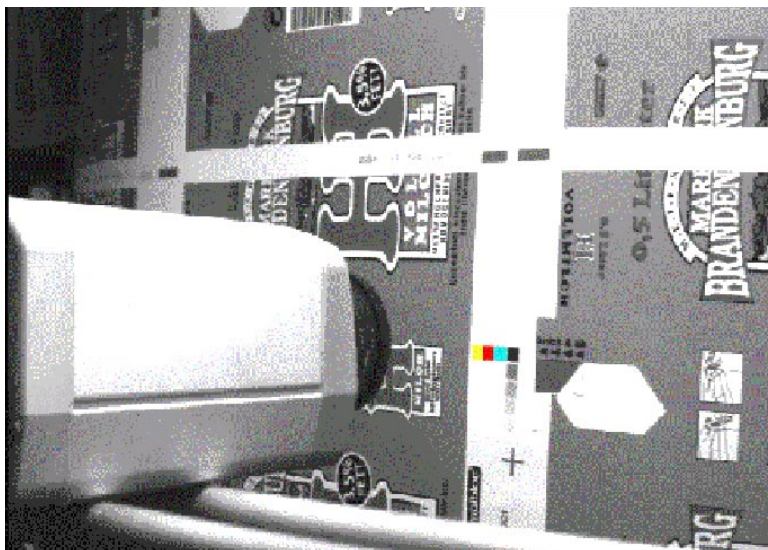


Figure 1. Online spectral imaging in printing control

Operation features

- Simultaneous measurement across all color marks
- Both color and density coordinates from the same measurement
- Fotogravure, flexo and can printing
- Offset printing under development

Implementation

- Multipoint fiber optic illumination and measurement across the fabric with a single light source and Spectral Camera
- 20-50 measurements/s with 10-12 bits dynamic range