

KOENIG & BAUER

Koenig & Bauer MetalPrint

DensiTronic Professional

Automatic colour measurement

Colour Quality Control
Saves money on every print job

we're on it.

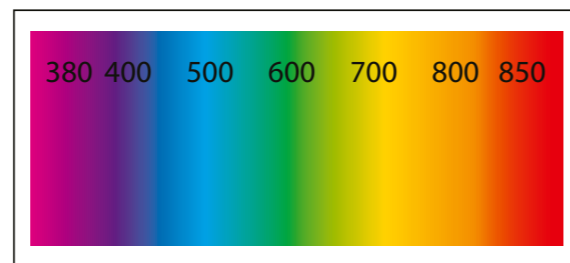
DensiTronic Professional – Quality under control



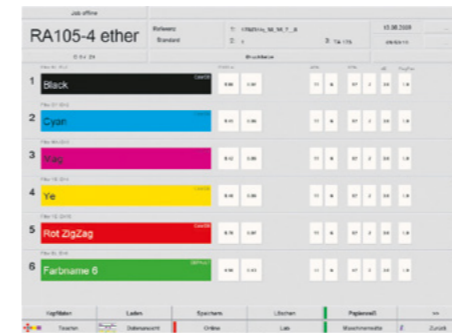
Print buyers are increasingly demanding higher quality. At the same time, printers are seeking higher productivity and a more cost effective operation. With DensiTronic Professional both can be achieved – fast and easy. With the push of a button DensiTronic Professional performs functions such as display of colour deviations and automatic adjustment of ink zones. DensiTronic Professional is the easy-to-use colour measurement device for all Metalstar 2 and Metalstar 3 presses.

Benefits

- Reduction of make ready times and increase of productivity
- Reduction of waste sheets saves money on every print job
- Low maintenance costs
- Less quality complaints
- Easy and fast operation

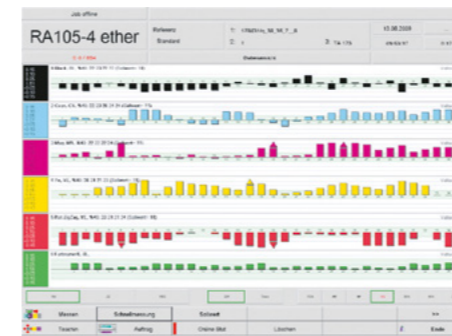


Range of spectral measurement 380 nm – 850 nm



Job management

The display of measured values is a great help for the printer as it allows an instant visual evaluation of the quality. Depending on the version the corrections can be sent directly to the press.



Display of measured values

Standardization or customer's standards can be realized by inserting predetermined reference values for D100 or dot gain. In a wide range of applications, the quality protocol is a great tool providing your customer with documented proof of printing quality.



Teachin

DensiTronic Professional: Technical data

Measuring methods and sensor properties

- Density and spectral L*a*b*-measurements in compliance with ISO standards
- 0/45° observer
- CMYK status E filters, status T filters optional
- LED light M0 / M1
- Lens aperture 2x2 mm
- Optional polarising filter
- Built-in ceramic tile
- Range of measurement 0.0–2.5 D
- Reproducibility: minimum 0.01 D depending on measuring conditions

Scanning speed

- 200 mm/s
- 5 sec./m

Colour bars

- Koenig & Bauer standard bars
- Further bars can easily be defined
- Minimum height: 4 mm, depending on printing conditions

System connection

- Different options on request

Air suction technique for sheet fixation

- Integrated standard

Control and display

- Touchscreen
- Optional large-format screen

Formats

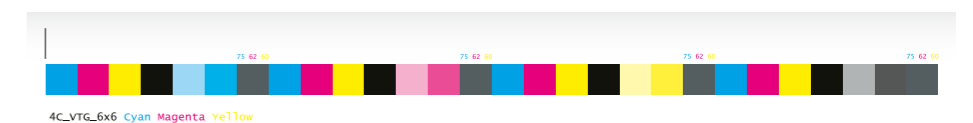
- 1050 x 780 mm
- 1680 x 1250 mm
- 2200 x 1700 mm

Scope of delivery

- Rail with assembly
- Mobile sensor
- Touch-PC
- Air suction pump
- Control unit

Training

- On site



Example of a colourbar

DensiTronic Professional is the ideal tool for the quality management in the press room. It includes all essential features for the measuring and controlling process and spot colours in the colour bar as well as in the sujet.

