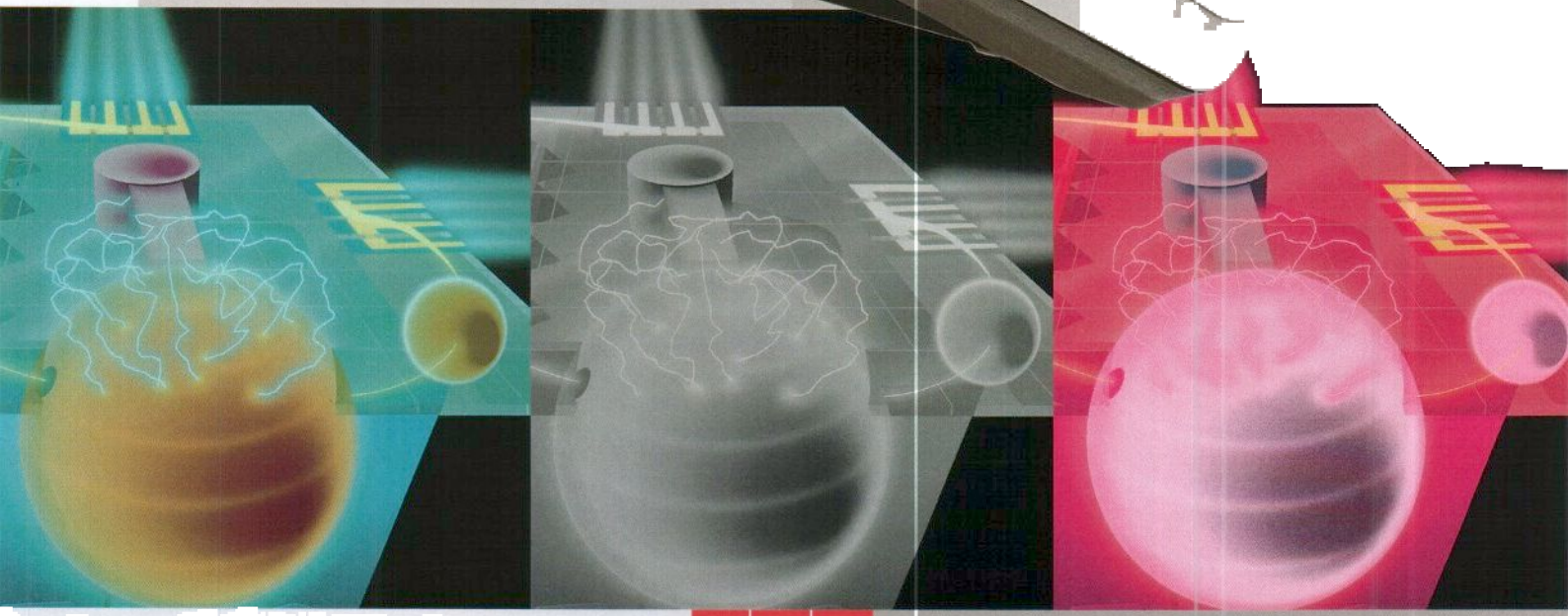
FAG VIDPENS C9

Vipdens C9



FAG

C9 The Printer's Assistant

- "Key Zone Check" for immediate Ink Key adjustment
- Integrated standard (for example: FOGRA and in-house standards) Statistics and graphical diagrams on LCD
- Over 1.000.000 measurements with one battery set
- From single patch to multiple patch control
- Automatic color- and function recognition
- 2 years warranty
- All densitometric functions

"Simply perfect, perfectly simple" is our policy and mission. Our philosophy is to develop and produce high tech devices, to address the needs of the user and thus enable cost and time saving through quality control.
FAG is a well established supplier with many years of experience in products and services for the Pre Press, Press, Digital and Flexo market.

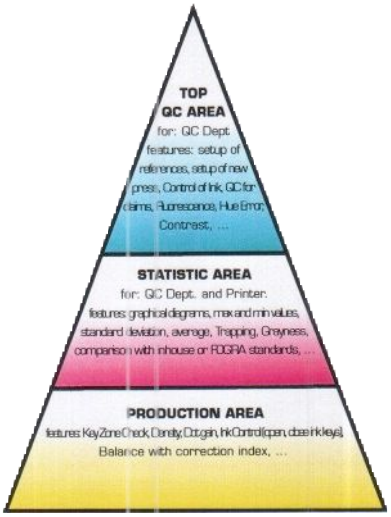
The FAG Vipdens C9 densitometer sets new standards in Quality Control for the Printing industry. The new philosophy behind the FAG Vipdens C9 is to have an instrument that gives not only numerical values, but also advice of corrective actions to take. The graphical diagrams, incorporated in the FAG Vipdens C9, help the printer to quickly recognize problems and immediately define the actions to take.
Minimizing wasted time and material were the driving forces behind the development of the FAG Vipdens C9, "The Printer's Assistant".

The FAG Vipdens C9 serves three distinct areas; it is used at 3 different Quality Control stages: the Production Area; the Statistical Area; the Quality Control Management Area (Top QC Area).

FAG Vipdens C9 in Production Area:
In the Production Area (Press Room) the most important factors are time and cost. These two parameters are correlated to each other and need to be reduced during the setup of the printing process and during production. To enable this, FAG has included the "Key Zone Check" function in the FAG Vipdens C9. With this function the pressman simply needs to measure across the control strip without reading any density values. On the LCD Display of the densitometer a diagram informs the printer which ink zones are out of tolerance and what correction should be taken. No more numbers need to be read, no tolerances remembered (as FOGRA standards are already integrated in the device and in-house standards can be stored), no density values need to be written down.

FAG Vipdens C9 in Statistic Area:
In the Statistic Area, used by Printers and by Quality Control departments, the job is checked by controlling statistical values and bar diagrams. Systematic errors are detected and process parameters are changed. The fluorescence effect can now be measured directly and used to define the performance of the ink. Various other parameters as hue error, grayness, trapping, etc, can be checked.

FAG Vipdens C9 in Quality Control Management Area:
Here the FAG Vipdens C9 is a tool to set up presses, to control the ink, and to set the reference values for production. Tolerances and maximum variation can be defined as an overall check of the production.
So the FAG Vipdens C9 can be defined as a 3 tools in one instrument for 3 different areas.



Functions	**Vipdens C9**
Automatic zero setting	•
Automatic color recognition	•
Automatic recognition of functions	•
Density	•
Density difference	•
Dot % (Murray Davies)	•
Dot gain for 3 patches	•
"Key Zone Check"	•
Dot Gain Curve (48 references)	•
Bar diagram density	up to 64
Mean average	•
Max/min value	•
Standard deviation	•
In-house standards	2
Integrated FOGRA standards	3
Production statistic chart	•
"Out of tolerance" indicator	•
Color balance	•
Graybalance with correction indicator	•
Trapping	•
Relative print contrast	•
Hue Error	•
Grayness	•
Fluorescence	•
LCD Manual Guide	•
Automatic Warning System	•
Slope	•
Vipstat Software	optional

Technical Specifications	**Vipdens C9**
Aperture	ø 3 mm (Option ø 2 mm)
Density	D 0,00 - 2,50
Percent	% 0 - 100
Measuring time	0,1 seconds
Graphical Display	128x64 Pixel
Repeatability D	± 0,01
Linearity %	± 1 %
Serial Interface	RS 232
Measurements per battery set	Over 1.000.000
Batteries	2 Alkaline 1,5 V size AA
Filter	Status I,E,T
Polarisation filter	optional
Receiver	Photodiode
Dimensions (mm)	145x76x41
Weight	290 gr.