

Alliance HN to Alliance HNS

Change-over on HB Quasar

Before changing current film

- output an uncalibrated grey scale (this will show to what extent the current film is being overexposed and corrected.)
This output can be used for your own reference in case it would be necessary to return to your current product.

1. Change film.

Agfa developers		ACD/ASD/G101c	
Recommended processing time		30 sec.	
Processing latitude		20 - 40 sec.	
Processing temperature		35°C or 95°F	
Developer replenishment		ml/m2	cc/sqin
Pos Work	15% exp.	100	0,06
	50% exp.	200	0,12
Neg Work	85% exp.	350	0,23

2. Performing a Light Test**1. Choose "Imagesetter/Quasar Material Control..."**

The "Material Control" dialog box appears in which the active material is selected. (If no material parameters have yet been defined, the name "Linotype-Hell" appears as the selected item)

2. Click "Edit..."

The dialog box for the light test appears

3. Select resolution (or several resolutions simultaneously by holding down the "shift-key" in the first column of the scroll list.

4. Enter the start density setting (in the "Begin : " column),

the final density setting (in the "End : " column), and the step size (in the "Step : " column)

5. Click "Test print." This starts the exposure of the test job.

6. Develop the exposed photomaterial and measure the corresponding boxes.

When using film material :

Calibrate your densitometer according to the base fog of the film using the functions that indicates the transparency density. Then measure the boxes in the "Density" column using this function. Write down the determined density in the "Reading" column. Now look for the box with the optimum density. Measure the dot percentage of the control boxes (Control Raster) "0°" and "90°" using the densitometer function that indicates the dot percentage (for example, +%Dot, %Dot, or similar). Note down these values. You will need both of these values later for automatic calibration.

In the "Setting" column of the "Materials Test" dialog box, type a value for each resolution setting.



typical control wedge

The respective values are given in the first column of the resulting test strip. If you want to keep the displayed material's name, click "Save." This saves the changes made on the hard disk of the PostScript RIP 50 and in the memory unit of the Quasar supply cassette. If you want to save the changes under a different material name (if for example, the new material has not yet been inserted in the Quasar), click "Save as..."

8. Type a new material name.

9. Click "OK", the material control box will reappear and the new material name is now displayed.

This ends the determination of the correct light intensity for the Quasar.

IMPORTANT ! In order to be able to use the just found settings you need to activate them.

To do so you have to select the material name in the "Material Control" dialog box and click "Activate"

Set-up is based on practical density

Select correct intensity (this applies for Pos_output, Pos_readings): On the test page select the patch where

Primary rule

Density is > **D.4.10** and 50 % patch reads > **53%**

Secondary rule

5% recommended to be **/3%** (for all rulings [175lpi])

Linearize if required