Kodak

# Defining Media on a Magnus 400 Quantum

## Platesetter

Procedure

English

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# Product

- Kodak® Magnus™ 400 Quantum platesetter

# Background

This procedure describes how to define the media settings on a Magnus 400 Quantum platesetter.

When working with Kodak Service Shell, after loading the nonvolatile storage (NVS) files, the following media is created:

- Thermal Gold (negative plate)
- PTP (positive plate)

# Procedure

1. On the left panel in Service Shell, click the **Monitor** tool.
2. Specify a name for the media—for example, CreoPTPN. You must do this in two locations:
   - In the Quantum Set media 3 table
   - In the Th2 Set med 2 table

   **Attention:** You must use the same media name in both locations.

   a. At the `Quantum>>` command prompt, type `redirect enable` and press ENTER.

   b. At the `Th2>>` command prompt, type `Set med X`.

   c. Return to the `Quantum>>` command prompt. At the `Th2>>` command prompt, type `redirect disable` and press ENTER.

   d. At the `Quantum>>` command prompt, type `Set media X+1`.

   **Note:** The numbering sequence starts at zero.

3. To create a new media:
   a. At the `Quantum>>` command prompt, type `PRM Hazardous media enable`.

      This command allows you to change parameters in the Set media 3 table.
   b. In the Set media 3 table, specify a name for the new media—for example, CreoPTPN.
      At the `Quantum>>` command prompt, type `Set media 3 name "CreoPTPN"`.
   c. Define the type of media (positive or negative) in the Set media 3 table.
      At the `Quantum>>` command prompt, type `Set media 3 invert X` where X is either Negative 0 or Positive 1.
   d. Return to the `Th2>>` command prompt. At the `Quantum>>` command prompt, type `redirect enable` and press ENTER.
   e. Define the same new media name in the Th2 Set med 2 table.
      At the `TH2>>` command prompt, type `Set med 2 name "CreoPTPN"`.
   f. In the Set med 2 table, update the following details:

| | Med 0 ThermalGold | Med 1 CreoPTP | Med 2 Creo |
|---|---|---|---|
| **LaserPower** | 10 | 18.5 | 18.5 |
| **DrumSpeed** | 380 | 300 | 300 |
| **Sr** | 0.100 | 0.095 | 0.095 |

   **Attention:** During the calibration process, the LaserPower and Sr data values change.
4. Repeat steps 3a to 3f for all ThermalGold and CreoPTP media types. Do not include spaces or underscores in the media names.
5. After you defined the media names, verify that the appear correctly under Media:
   a. Return to the `Quantum>>` command prompt. At the `TH2>>` command prompt, type `redirect disable` and press ENTER.
   b. At the `Quantum>>` command prompt, type `Media`.

      The following information appears on the Service Shell monitor:

      ```
      Available Media
      1: ThermalGold
      2: CreoPTP
      3: CreoPTPN
      ```
6. To enable the head to work with the desired media (for example, CreoPTP), at the Quantum>> command prompt, type `Media 2`.

   **Note:** To execute the Media 3 command, you must close the doors, or work with two cheaters (Motor Defter (24 V) and Focus Defter). If you do not close the door or use the cheaters, the platesetter remains inactive.

7. After you define the media in Service Shell, specify that media definition in the Magnus 400 Controller software.
   a. On the **Operations** toolbar, select **Settings > Media Definitions**.
   a. In the Media Definition dialog box, click **New**.
   b. In the **Th Name** list, select the media name that you created in Service Shell—for example, CreoPTP.

      The thermal 2 (TH2) head operates according to the parameters listed in the TH2 Set med 2 and Quantum Set media 3 tables.
   c. Continue defining the media (size, thickness, name, and so on) in the normal way.

      **Note:** It is not necessary to define the Positive/Negative parameter. This parameter updates automatically according to the media definitions defined in the **Th Name** list.

# Technical Contact(s)

Content owner: Mario Amir

See the Escalation page for escalation contacts.

# Date Submitted

30 Jan 2007

# Last Updated