Kodak

ThermoFlex Controller

Software
Version 2.02.354.005

Release Notes
English

739-00413A-EN Rev A

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Internal 739-00413A-EN Rev A

Revised January 2008

Introduction

These release notes describe the changes and improvements that were made in version 2.02.354.005 of the Kodak®ThermoFlex® Controller software. ThermoFlex Controller software version 2.02.354.005 supports the following types of platesetter running a Microsoft® Windows® XP operating system:

- ThermoFlex Mid II Hybrid
- ThermoFlex Narrow Hybrid

ThermoFlex Controller software version 2.02.354.005 supports the following types of workflow software:

- Kodak Brisque® software
- Kodak Prinergy® software
- Kodak Prinergy Evo software
- Kodak TIFF Front End® (TIFF FE) software

What Is In These Release Notes

The release notes include the following sections:

- *Prerequisites* describes the hardware and software required to use ThermoFlex Controller version 2.02.354.005 software.
- *New Features* describes new menu items, options, windows, or dialog boxes that were added to ThermoFlex Controller.
- *Enhancements* describes improvements that were made to existing features.
- *Problems Fixed* lists problems in the previous release of ThermoFlex Controller that are now resolved.
- *Known Problems* lists problems that are not yet resolved.
- *Installing ThermoFlex Controller Version 2.02.354.005* provides tips on how to deal with typical situations or problems that you may encounter

Prerequisites

- Windows XP operating system
- ThermoFlex Controller software version 2.01.354.011
- Workflow:
  - Tiff Front End version 3.00.83 or later (for all versions, including the Offset option)

    Note: For external workflow using TIFF Front End, set the monitor resolution to 600 x 800, as described on page 6.)

  - For the Offset option with beam reduction, one of the following:
    - Prinergy® version 3.1.02 or later
    - Prinergy Evo version 3.0.6.6 or later

    Note: For offset plates, third-party software is also supported, but image quality is not guaranteed.
- Hardware:
  - Windows XP-compatible CPU
  - Windows XP-compatible E-box
  - Local3 board
  - Strobe 7 board

New Features

This section lists features that were added in the new release of the ThermoFlex Controller software.

- Support for 24, 32, and 48 beams: When you install the version, you can configure the relevant number of diodes.
- Online help: The online help describes how to perform basic software tasks such as media definition, in addition to loading and unloading flexo, steel-back, and offset plates.
- File collector application: The file collector application zips the log files for improved remote support.
- On ThermoFlex Hybrid platesetters with offset option, the carriage moves to Home Position when you open the top door (Narrow) or service door (Mid II).

Enhancements

This section lists features that were improved in this release of the ThermoFlex Controller software. Features that were modified as a result of a problem in the software are described in *Problems Fixed* on page 3.

- Minimum drum speed: The minimum drum speed is reduced to 50 rpm.

Limitations

This section lists issues in the current release of the ThermoFlex Controller software that are not problems, but require attention.

- On non-omron devices, during shutdown, if one of the doors is open, a message appears to close the door. If you click **OK**, ThermoFlex Controller shuts down properly, but does not move the focus motor to home position. This can cause the lens to collide with the plate when a thicker plate is loaded on the drum.
- Upon startup, it takes about five minutes for ThermoFlex Controller to appear.
- If you perform startup while a platesetter door is open, the appearance of the ThermoFlex Controller software is different than when you perform startup with all platesetter doors closed.

Problems Fixed

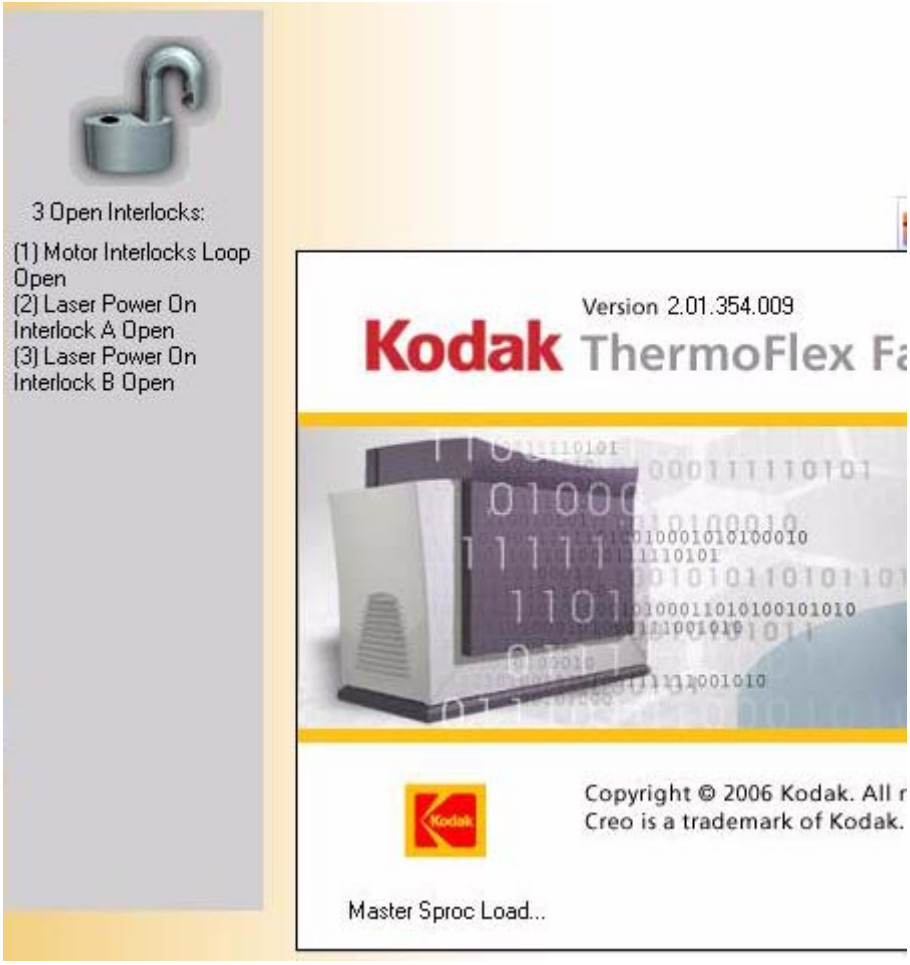
This section lists problems that are resolved in this release of the ThermoFlex Controller software.

- During exposure, if you select the UDRC motor through the hardware tree, the UDRC dialog box cannot be closed unless you restart ThermoFlex Controller .
- On ThermoFlex Mid II, the drum continued to revolve during media loading or unloading.
- On ThermoFlex Mid II on the operation panel, the OK button remained on intermittently.
- The following error message appeared intermittently during delay and intensity (drum speed) calibration tests:
  `Emergency Stop: Drum speed deviation is above the limit.`
- On ThermoFlex Mid II, after the loading process started, if the Unload button was accidentally pressed during exposure, a debug message appeared and you had to restart the ThermoFlex Controller software.
- Diagnostics did not work.

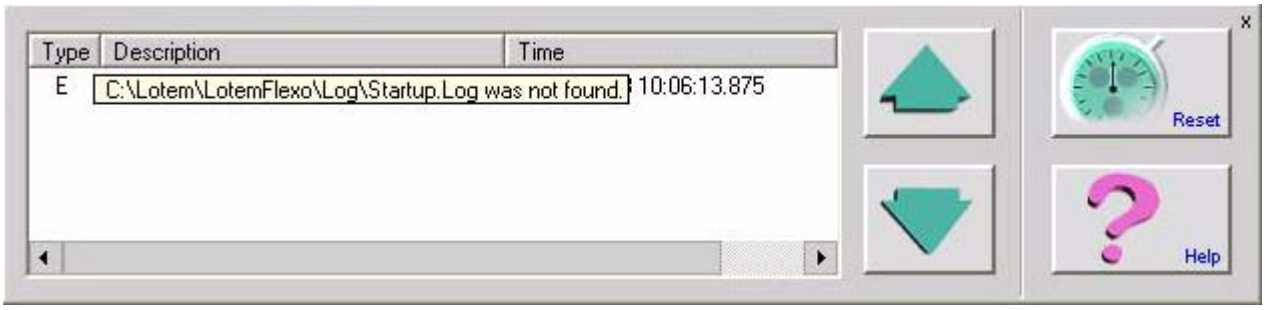
Known Problems

This section lists known problems in the ThermoFlex Controller software. If a future version of the software resolves a problem listed here, the solution will be described in the *Problems Fixed* section of the release notes accompanying that version of the software.

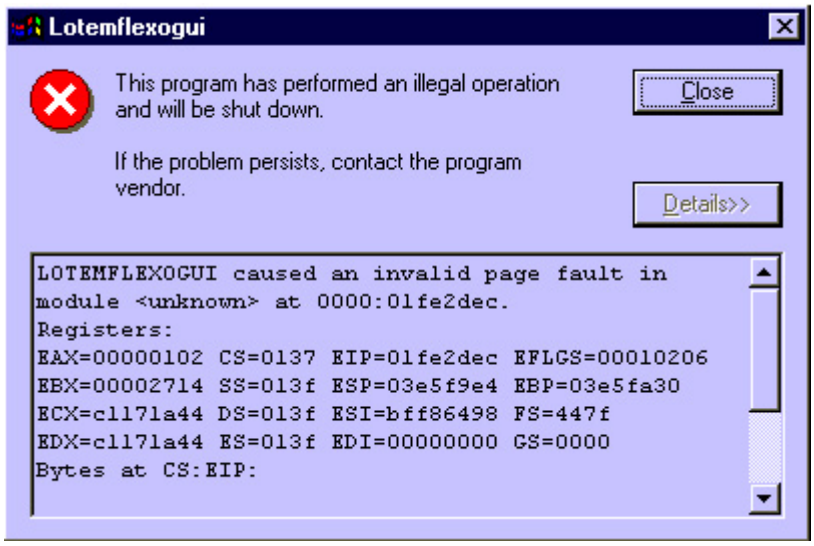
- The light Activator Task message relates to a future feature.
- The temperature control (TEC) system works, but is not accessible from the software.
- While a platesetter door is open, if you minimize the ThermoFlex Controller software (by pressing CTRL + M) and then close the door while the ThermoFlex Controller software is minimalized, when you maximize the ThermoFlex Controller software, the open interlock error message still appears and you must click **Reset**.



- Intermittently during startup, `startup log` error messages appear in ThermoFlex Controller, and you must restart the software.



- When working with TIFF Expose, when you shut down the platesetter, a debug message appears, and you must click **Close** to continue shutting down.



Installing ThermoFlex Controller Version 2.02.354.005

This section desribes how to set the monitor resolution and install the ThermoFlex Controller software.

To set the monitor resolution:

1. On the desktop, right-click and select **Properties**.
2. In the Display Properties dialog box, click the **Desktop** tab.
3. In the **Background** list, select the background with the correct resolution for your workflow:

   Brisque or TIFF FE: Select **KodakWallpaperPC800x600**
4. Click **Apply**, and then click the **Settings** tab.
5. In the Settings dialog box, in the **Screen Resolution** area, adjust the Less/More bar to the same resolution that you selected in the previous step, and click **OK**.

To install ThermoFlex Controller software:

1. Insert the version 2.02.354.005 CD in the CD-ROM drive. The installation wizard appears.
2. In the Welcome screen, click **Next**.
3. In the User Info screen, click **Next**.
4. In the Machine Type screen, select the relevant type of device and then click **Next**.

   - **ThermoFlex Mid II**
   - **ThermoFlex Narrow**

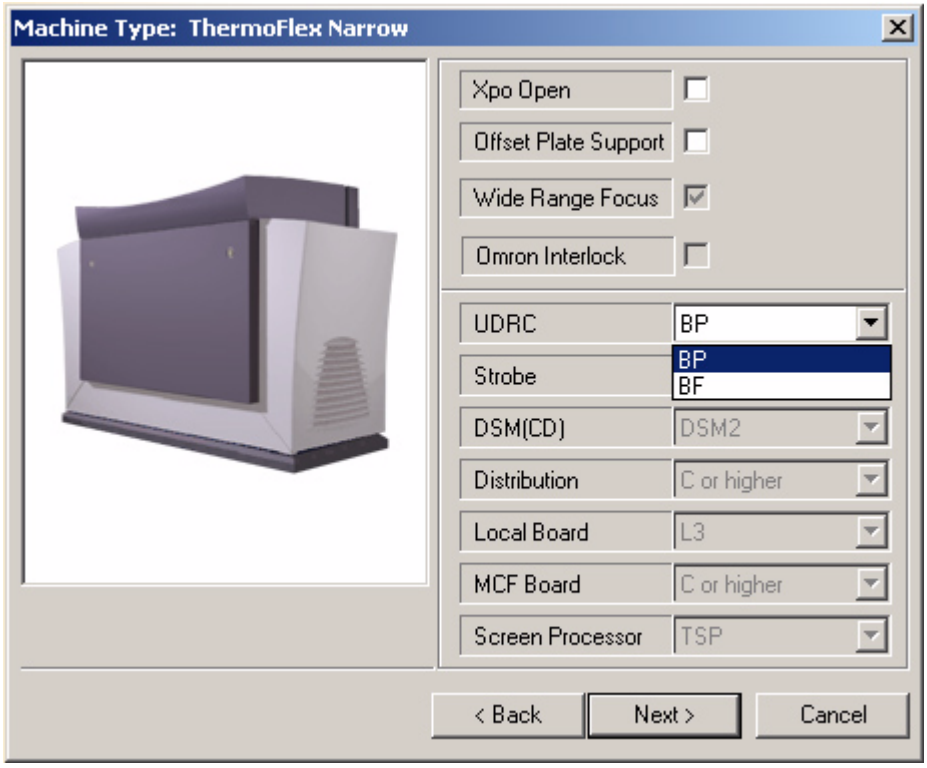
   Note: If the configuration includes Brisque, change the type of device name to one of the following, as required:

   - **ThermoFlexMid2**: Change to **LotemFlex4048**
   - **ThermoFlexNarrow**: Change to **LotemFlex2630**

5. In the second Machine Type screen, the configuration details of your device appear.

   The following three options are not set automatically. Set them according to you configuration, and then click **Next.**

   - **Xpo Open**: To verify that the device configuration workflow is Xpo, confirm that the platesetter E-box includes a TSP board. (not yet available).
   - **Offset Plate Support**: To verify that the device is offset, confirm that the platesetter drum has registration pins.
   - **UDRC**: If you have external venting, select BP. If not, select BF.



6. In the Start Copying Files screen, the details that you have selected appear. To start copying files, click **Next**.

   Attention: Do not click the **Cancel** button. Wait patiently for the files to be copied.

7. In the Install Wizard Complete screen, click **Next**.

Notes:

- Upon startup, it takes 2–5 minutes for ThermoFlex Controller to appear.
- After installation, if your configuration does not include UDRC, in the **Hardware Tree**, under **Others > Lotem Flexo > Machine**, verify that the **UDRC Installed** parameter value is **4**.
- After running diagnostics, wait about one minute before you start the ThermoFlex Controller software.