Editing the file

The Kodak Plate Control Strip (KPCS) file is provided in several configurations. If the particular combination of sizes you need has not been provided, you can create your own custom file.

You can edit `KPCS_EDIT_FOR_CUSTOM_STRIP.eps` using any text editor. Take care not to alter anything below the User Configuration Section, which is written in encrypted ASCII.

Orientation

The preconfigured KPCS files are all in a horizontal orientation, because most users will place the strip horizontally in the clamp area of the plate. However, if you want to place the strip in a vertical orientation on the plate, you can rotate the strip during imposition or you can configure your custom file to a vertical orientation, as follows:

1. Download `KPCS_EDIT_FOR_CUSTOM_STRIP.eps` and open it in a text editor.
2. In the User Configuration Section, locate this line:
   `/Orientation (H) def`
3. Change it to:
   `/Orientation (V) def`
4. Near the start of the file, locate the lines:
   `%%BoundingBox: 0 0 480 36`
   `%%HiResBoundingBox: 0 0 480.0 36.0`
5. Change them to:
   `%%BoundingBox: 0 0 36 480`
   `%%HiResBoundingBox: 0 0 36.0 480.0`

Resolution

You can specify a particular resolution to be used in the reference areas of the Plate Control Strip. Usually, this will be the device resolution, which is the same resolution that the RIP is using. Select a particular resolution as shown in the next section. Or, you can specify that the KPCS file detects and uses the current RIP resolution.

1. In the User Configuration Section, locate the line:
   `/Resolution 2400 def`
2. Change 2400 to any of the following numbers:
   - `1016`, `1200`, `1270`, `2400`, `2540`, or `3200` (interpreted as dots per inch)
   - `40`, `47.2`, `50`, `94.5`, `100`, or `126` (interpreted as dots per mm)
   - `0` (which will detect and use the current RIP resolution)

Screening

The KPCS file specifies a particular screening type and size to be used in the reference screen areas of the Plate Control Strip. For subsequent measurements and comparisons on the plate, you will want this to be close to the screening that the RIP is using. The table shows the possible combinations of supported screen type and screen number for each resolution. You specify the reference screening as follows:

1. From the table, choose values for **ScreenType** and **ScreenNumber**.

2. In the User Configuration Section, locate the lines:
   `/ScreenType (I) def`
   `/ScreenNumber 175 def`
3. Change `I` to your chosen **ScreenType**.
4. Change `175` to your chosen **ScreenNumber**.

The screening you configure here will not affect the Requested Screening section of the Plate Control Strip. See Tone Scales.

Resolution dpi (dpmm)	**ScreenType** **I = AM screen in lpi** **M = AM screen in lpcm** **ST = Staccato screen**	**ScreenNumber**
1016 (40)	I	85, 100, 133 lpi
	M	34, 39, 52 lpcm
	ST	30
1200 (47.2)	I	85, 100, 133 lpi
	M	34, 39, 52 lpcm
	ST	25, 36
1270 (50)	I	85, 100, 133 lpi
	M	34, 39, 52 lpcm
	ST	25, 36
2400 (94.5)	I	133, 150, 175, 200, 240 lpi
	M	52, 59, 69, 79, 95 lpcm
	ST	10, 20, 25, 36
2540 (100)	I	133, 150, 175, 200, 240 lpi
	M	52, 59, 69, 79, 95 lpcm
	ST	10, 20, 25, 36
3200 (126)	I	150, 175, 200, 240 lpi
	M	59, 69, 79, 95 lpcm
	ST	10, 20, 25