

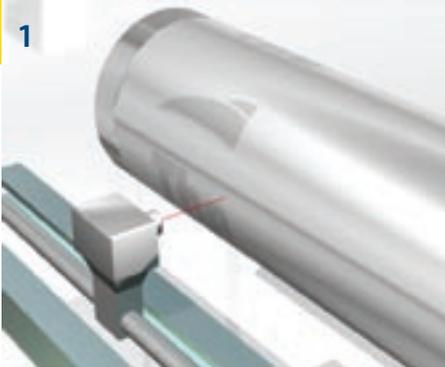


Save time in  
prepress with  
non process CTP

**Kodak**

Thermal Direct  
non process printing plates

# No processing. No post-imaging treatment. No imager or press modification.



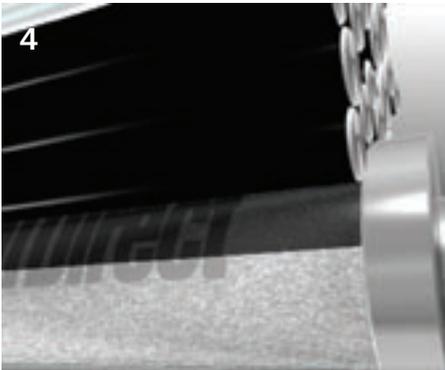
1 Laser energy writes the image to the ultra-thin coating. Coating in the image areas becomes non-soluble.



2 The plate is then mounted directly on press.



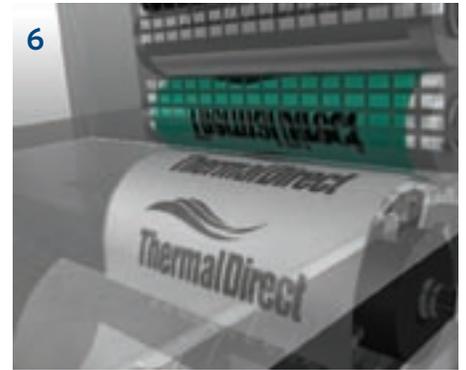
3 Dampening rollers are engaged.



4 Then ink rollers are engaged and the plate is covered with ink.



5 The fountain solution plus the ink tack ensure that the dissolving coating is transferred to the blanket, and so to the first few sheets.



6 Paper feed is engaged and the first few sheets remove the non-image coating.



7 Within a few sheets, the background is clean and ink is at density.

Just image, mount and print.  
It's that simple.

## Eliminate plate processing

**Thermal Direct** plates develop on press, eliminating the need for a stand-alone plate processor (and all the costs that are associated with it). These innovative plates do not even require rinsing, cleaning or post-imaging finishing. Just image, mount and print.

Eliminating plate processing not only removes a cost center, it removes a source of variability. With **Thermal Direct** plates, the image you write in the platesetter is quite simply the image you take to the press.

Without a plate processor to contend with, you can also say goodbye to neutralization, pre-treatment procedures and all processor waste. **Thermal Direct** plates eliminate all handling and disposal issues relating to processor chemistry.

## High productivity platemaking

Platemaking cycles for **Thermal Direct** plates are shorter than plates that require processing, so you'll be able to deliver more jobs on press per shift. In a short run, quick turnaround production environment, **Thermal Direct** plates deliver the productivity you need to increase efficiency and protect your profitability.

## High quality thermal CTP

**Thermal Direct** plates provide the high resolution, image accuracy, reliability and repeatability you expect from **Kodak** thermal media.

The plate can hold resolution of 1% to 99% at 175 lpi (1% to 98% at 200 lpi), and 25 micron stochastic. Rated for up to 100,000 impressions, **Thermal Direct** plates are ideal for short and medium run applications.

## Compatible with market-leading platesetters

**Thermal Direct** plates are compatible with any popular thermal imager, and do not require any imager modification. You don't have to modify your press or use special ink, either. The plate's traditional grained and anodized aluminum surface gives it a familiar look and feel, and helps ensure wide ink-water latitude and compatibility with most presses and sheets.



## Kodak is the world leader in digital plates

2006 denotes the 10th anniversary of Kodak's landmark thermal digital plate technology. Today, thermal imaging remains the number one CTP technology of choice, delivering exceptional quality and productivity to printers around the world.



Celebrating 10 Years of  
Breakthrough Technology

**Kodak**

**To learn more about solutions from Kodak:**

Visit [graphics.kodak.com](http://graphics.kodak.com)  
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