

KIMOTO

DESKTOP
CTP
SOLUTION

Kimoplate e² POLYESTER PLATE

Kimosetter 410 PLATE SETTER

KIMOTO

Kimosetter 410



Desktop CTP for small offset printers

Producing offset printing plates has long been a photographic process, using optical devices, pre-sensitized materials and processing units with chemicals. It has also been a time consuming job.

CTP technologies have brought simple workflow to the plate making process, but until now was aimed at high-end commercial printers who could afford to install the expensive systems.

Small offset printers need an economical, affordable CTP solution. The answer from Kimoto is the Kimosetter 410 and Kimoplate e². These two combined together offer a compact, non-chemical, system, which fits next to the designer's computer. It establishes a new process solution; Desktop CTP.



Kimoplate e²

Kimoplate e² is a non-sensitized polyester printing plate from Kimoto, a world leader in coating technology. It has been developed to be imaged exclusively on the Kimosetter. The product concept is economy (saving cost, improving profit) and ecology (non-chemical, minimizing waste). The two e's come from the initials of these key concepts.

Chemical free

Kimoplate e² requires no special chemicals, etch or fountain solution and does not require post fusing. The plate is ready straight from the Kimosetter 410 plate setter. This environmentally friendly approach enables operators or designers to work in studio conditions.

No toner background

Kimoplate e² is free from background toning.

Excellent stability

The polyester base is 0.125mm (0.005in) thick with total thickness 0.140mm (0.0055in), the same as

most pre-sensitized metal plates, and is more stable than 0.100mm (0.004in) laser plates. Its excellent dimensional stability ensures accurate image size and good registration of spot color work.

Fast recovery

When restarting after a stop, which often occurs on small offset presses, just wipe the plate surface with clean water or fountain solution; Kimoplate e² recovers very quickly.

Fountain solution

Kimoplate e² is compatible with most fountain solutions (including Silver Master and electrostatic) provided they are being used at

their recommended dilution or pH strength.

Printing inks

One of the advantages that small offset presses have is the wide variety of inks they can use. Kimoplate e² will run with most inks (oil base, rubber base and soy base)



Kimosetter 410

Kimosetter 410 is a thermal transfer plate setter specially developed to image Kimoplate e² polyester plates. This compact plate setter is the affordable repro solution for small offset printers or quick print shops. Kimosetter 410 is an upgraded model of the Kimosetter 340 which was first introduced in 2000 for A3 portrait size presses. Now Kimosetter 410 covers 52cm size machines, commonly known as GTO size.

Free from toner, chemicals, fusing

Kimosetter 410 uses its own special ink ribbon cassettes. It does not use any chemicals or toner, therefore no development or fusing unit is required.

On-demand CTP

The platesetter does not need warming-up time nor does it have stand-by mode to keep chemicals or fusing rollers at a certain temperature. The designer is able to image immediately once the design is ready.

Sharp lines and edge definition

Equivalent to 1200dpi and state of the art precision imaging technology, the Kimosetter 410 gives exceptional image quality resulting in smooth crisp text, sharp line work, high density solids and clean halftones.

Up to 52cm size machine

Accommodating all popular plate sizes up to 410 x 510mm, the Kimosetter 410 is capable of imaging full bleed A3 with crops and registration marks.

Clean background

Since it uses no toner or ink drops, the thermal transfer unit cannot create unwanted image in the background of the Kimoplate e².

Compact design

The Kimosetter 410 has a small footprint, comparable in size and style to an A3 inkjet printer and will not look out of place in a studio environment.

Enhanced RIP

An Adobe PostScript 3 software RIP CD for both Windows and Macintosh is included in the package. The hardware key (dongle) is not necessary; its function is embedded in the



machine. For Mac OS X users, the CD contains an updater program that enables the RIP to run in Classic mode on OS X.



Selecting the plate guide position for portrait or landscape format plates



Easy and clean cartridge change



High resolution thermal imaging unit



Unwanted image on Kimoplate e² can be removed easily using the deletion pen

Kimosetter 410 Specifications

Print method	Serial type thermal transfer
Print speed	4.5 minutes/plate of 410 x 510mm
Resolution	1200 x 600 dpi
Screen rulings	100, 85, 60 lpi
Media	Kimoplate e ² only
Auto feed	10 plate capacity
Dimensions	568(W) x 270(D) x 202mm(H) 22.4" x 10.6" x 8.0"
Weight	9.8 kgs 22 lbs
Power supply	100 - 240V AC, 50/60Hz
Consumption	Operating 54W, standby 8W
Environment	Temp 15 - 30°C, humidity 30 - 70% non-condensing
Noise level	<54 dB
Plate size	Max 410 x 510mm, min 98 x 98mm Max 16.1" x 20", min 3.9" x 3.9"
Max print area	323 x 483mm 12.7" x 19"
Interface	USB
Safety conformity	UL, c-UL, CE Marking, FCC-B, KTL



Kimosetter 410 RIP

Adobe PostScript 3 Software RIP



Fonts included 117 PostScript Type1 fonts
19 TrueType fonts

• Macintosh system requirements (recommended)

Processor	Power PC 400MHz or faster
Free memory	128MB or more
Installation space	90MB
Disk space	2GB
OS version	Mac OS 9.x Classic mode on Mac OS X 10.3 or later
Interface	USB

• Windows system requirements (recommended)

Processor	Pentium II 400MHz or faster
Free memory	256MB or more
Installation space	100MB
Disk space	2GB
OS version	Windows 2000/XP
Interface	USB

KIMOTO KIMOTO CO., LTD.

19-1, Shinjuku 2-chome, Shinjuku-ku, Tokyo Japan
www.kimoto.co.jp

Please contact your authorized KIMOTO reseller:



© Copyright 2005. All rights reserved. KIMOTO is a registered trademark of Kimoto Co., Ltd. Adobe, PostScript, PostScript 3 and PostScript logo are trademarks or registered trademarks of Adobe Systems Incorporated. All product specifications are subject to change without notice.

Kimoplate e²

• Polyester printing plate

Base film thickness	0.125mm (.005") Polyester
Total plate thickness	0.140mm (.0055")

Plate size

Portrait	Max 340 x 505mm Max 13.4" x 19.9"
Landscape	400 x 510mm, 410 x 510mm 15.7" x 20", 16.1 x 20"
Package	100 sheets/box

Ink and correction pen

• Ink ribbon cartridge

Ink for Kimoplate e ²	10 pcs/box
----------------------------------	------------

• Correction pen

Kimoplate e ² Deletion Pen	2 pcs/pack (5 packs/box)
---------------------------------------	--------------------------

Kimoto Ltd.

Zurich, Switzerland

Tel: +41-1-817-9999

Fax: +41-1-817-9988

www.kimoto.ch

Kimoto Tech, Inc.

Georgia, USA (Corporate office)

Tel: 770-748-2643 Fax: 770-748-2648

www.kimototech.com

California

Tel: 310-522-5911 Fax: 310-522-5922

Illinois

Tel: 847-640-8022 Fax: 847-640-7942

Georgia

Tel: 770-422-5264 Fax: 770-426-7197

New Jersey

Tel: 908-226-0400 Fax: 908-226-9760

Toll Free: 888-546-6861

Printed in USA

2005.4 5Ne054A-1