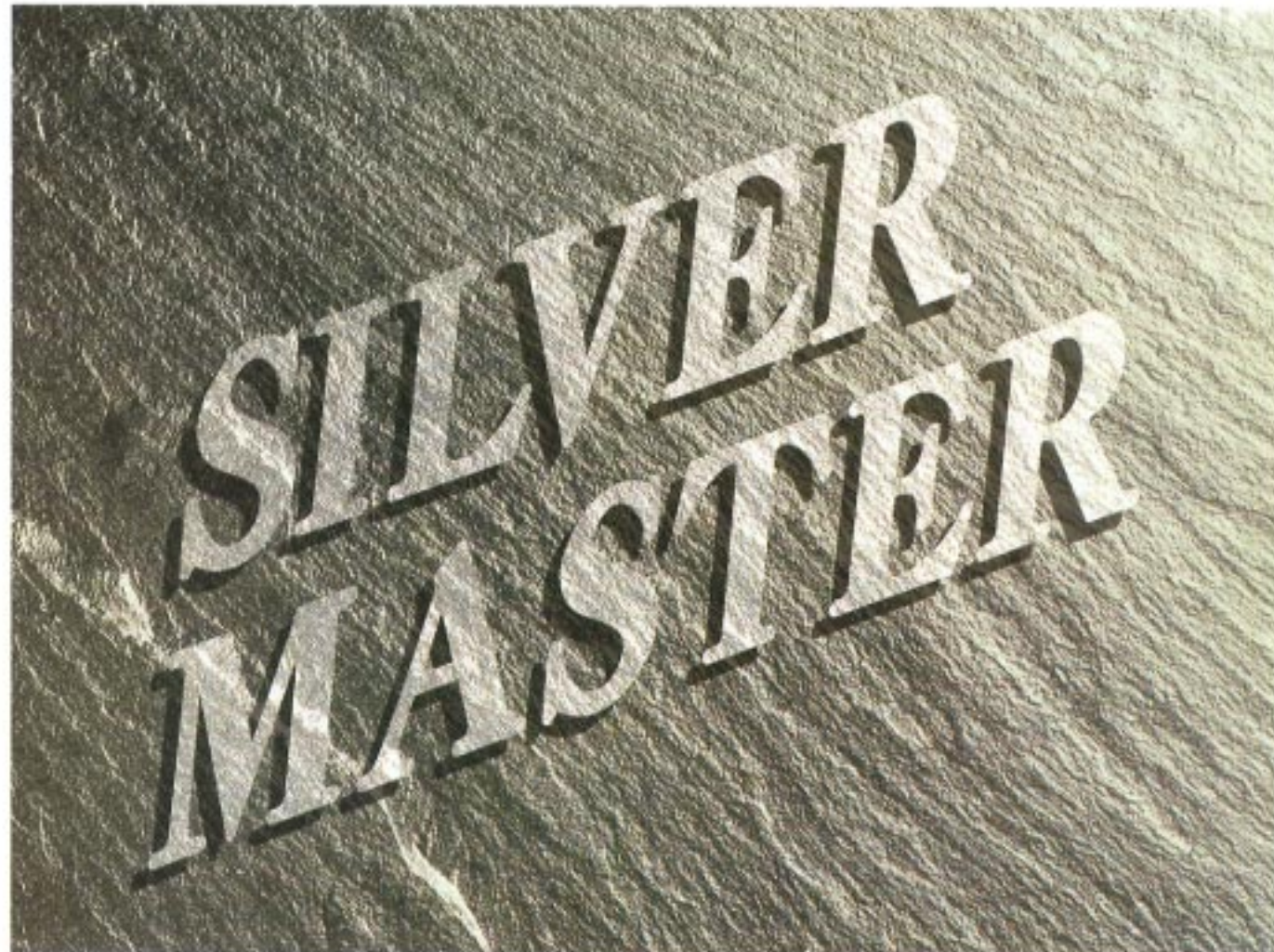


SILVER MASTER

DIRECT-TO-PLATE SYSTEM OVERVIEW



CP-610S



CP-ECO414S



SLM-AC, ST

- Developer (SLM-AC)
10 litres per bottle
(Dilute with 1:1 water for use)
Developing Silver Master plates
and will produce a bright silver
image on a pure black back-
ground for easy recognition
- Stabilizer (SLM-ST)
10 litres per bottle
(Dilute with 1:3 water for use)
It is specially prepared for
stabilizing Silver Master plates
and produces master plates
with excellent printing charac-
teristics



SLM-RIII (paper base)

- Thickness: 0.2 mm (8 mil)
Run length: 10,000 impressions
(differs according to platemaking, printing conditions)

SLM-FIII (polyester base)

- Thickness: 0.2 mm (8 mil)
Run length: 20,000 Druck
(differs according to platemaking, printing conditions)

SLM-OH, OE

- Deletion Fluid (SLM-OE)
100 cc per bottle (Working solution)
This fluid can be used to make
deletion before or after start of printing
operations
- Deletion pen (SLM-OEIII Pen, SLM-OE
Felt Pen)
Easy to make precise corrections
- Etch (SLM-OH)
5 litres per bottle (Working solution)



AT

- Anti-toning agent (AT1, AT2)
Content AT1: 150 g/tube
Content AT2: 1 litre/bottle



SLM-OD

- Fountain Solution (SLM-OD30, SLM OD50)
Can also be used for PS plates
SLM-OD30: 5 litres/bottle
(Dilute with 1:30 water for use)
SLM-OD50: 5 litres/bottle
(Dilute with 1:100 water for use)

SLM-OA

- Fountain Solution Additive
(SLM-OA1, SLM-OA2)
SLM-OA1: 1 litre/bottle
SLM-OA2: 1 litre/bottle



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Different materials for a variety of applications

Excellent quality thanks to a new dimension of the Silver Master direct printing plate system

The advantages of producing offset printing plates with "silver halide technology" have been proved for many years.

Silver Master is a technology which was developed and perfected by Mitsubishi Paper Mills Ltd. and is now synonymous with filmless direct printing plate systems using reflection artwork.

Silver Master combines excellent image reproduction with proven stability. The exceptional advantages are virtually unrivalled.

Now, 20 years after the first Silver Master generation, a new quality dimension has been achieved through the application of innovative new technologies.

Based on the established material technology, the new Silver Master generation offers the following features:

- An exceedingly uniform material surface due to the use of "fine grain technology" with grain sizes in the micrometer range.
- The new "hydrophilic polymer technology" ensures rapid and effective water guidance at the start of printing, as well as a better ink/water balance as printing continues.
- The new "high-contrast emulsion" yields a better definition of dots and lines. A higher resolution and print-run stability are guaranteed.

The new Silver Master generation meets the trend for rapid, cost-efficient production of offset plates.

The outstanding printed results permit a whole variety of applications for large and small-scale sheet-fed and web offset printing, for supplements, forms, business stationery, books and newspaper printing, to name but a few applications.

In addition to the plate material, the Mitsubishi Silver Master System also includes plate-maker cameras with integrated processor, as well as all the chemicals required for development.

Printing auxiliaries for the printing machine and deletion fluids round off the range of Silver Master products.



Cameras with integrated processors

Type	max. Plate size
CP-610S	610 x 820 mm
CP-ECO 414S	414 x 550 mm

Silver Master series

Product name	Base material	Features and applications	Run
SLM-RIII	Paper with polyethylene coating	Standard material for simple and cost-efficient production with good quality	10,000
SLM-FIII	Polyester film	Dimensionally stable material for multi-colour applications of the highest quality	20,000
SLM-BFIII	Polyester film	Material for back side exposure in a normal darkroom camera	20,000

Special printing auxiliaries for the Silver Master System

Product name		Features and applications	Contents
SLM-AC	Activator	Activates the developing agent in the plate material	10 l
SLM-ST	Stabilizer	Stabilizes the printed image and neutralizes the PH value as well as the rapid ink acceptance	10 l
SLM-OH	Etching solution	Agent for optimizing the rapid ink acceptance as well as immediate run clean when printing starts	5 l
SLM-OD30	Fountain solution	Fontain solution for optimum Silver Master printability. Suitable for mixed use together with aluminium plate fountain solution (aluminium/polyester)	5 l
SLM-OD50	Fountain solution	Can also be used for the metal plate system. For optimum printed results and controlling the pH values, as well as alcohol-free printing	5 l
SLM-OA1	Fountain solution additive	Stabilizes the printing process. Promotes the uniform formation of emulsion and reduces the surface tension	1 l
SLM-OA2	Fountain solution additive	Optimizes the print stability by acting on the plate surface. Permits alcohol-free printing when used in combination with OA1 and is therefore ecologically compatible	1 l
SLM-OE	Deletion fluid	Permits corrections before and after printing by masking out the printed image	100 cc
SLM-OEIII Pen	Deletion pen	For fine corrections, bleaches the printing silver image	Set of 3 pens
SLM-OE Felt Pen	Correction pen	For fine corrections and retouching of the silver image	Set of 3 pens
AT-1	Anti-toning agent	Produces a uniform ink/water emulsion and is added to the ink	150 g
AT-2	Anti-toning agent	Suitable for web-offset inks and printing machines with molleton ductor-type damping systems	1 l