VDP-CF3070

Eco-Friendly Violet DigiPlater

The Violet DigiPlater VDP-CF3070 sets a new standard for offset printing in the small to medium-sized print market.

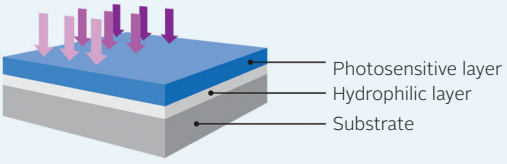
This innovative, compact and fully automatic CTP platesetter is 100% chemistry-free using only water in its processing. The VDP-CF3070 produces high quality offset plates featuring extremely low energy consumption and a minimal CO_2 footprint.

With 2 roll magazines and the integrated register punch, the VDP-CF3070 offers ideal operating conditions where two plate formats can be output automatically without any loss in material or time. Plates are punched, exposed, washed-off, dried and cut to format and ready for immediate printing. This unique system is fully automatic and allows you to expose up to a 4-page format at an output speed of 20 plates per hour at a resolution of 2,540 dpi.

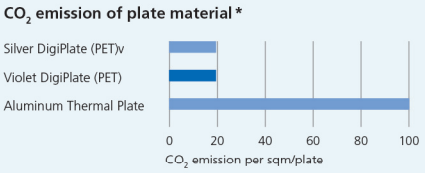
Call (800) 925-3200 X13207 for more information or visit www.mitsubishiimaging.com

The Violet DigiPlate™ Printing Plate

The new Violet DigiPlate™ (VDP) combines chemistry-free CTP production with an outstanding offset printing plate quality. The violet sensitive DigiPlate uses a polymer cross-linking technology that requires no chemical processing to create the image area. This unique plate requires only water for wash-off, with no pre-heating or gumming.



The Violet DigiPlate™ resembles a typical metal plate with a gray background and a cleary visible blue image area, allowing for easy plate inspection prior to mounting and while on the press. The polyester plate features excellent printability due to maximum resolution.



Mitsubishi Imaging (MPM), Inc.

Chemistry-free | Water processing

Technical Specifications

Violet DigiPlate™ printing plates
Violet DigiPlater VDP-CF3070

Plate technology	Violet-sensitive CTP polyester-base
Plate gauge/base	8 mil
Plate format	Max. 30-23/32" x 26-25/32" (780mm x 680mm) Min. 12" x 12" (305mm x 305mm)
Print run length*	20,000 impressions *under standard printing conditions
Printing performance	Performs with regular fountain solution and ink
Type of platesetter	Internal drum with integrated printing compliant register punch
Machine controller	Internal machine controller includes 1-bit TIFF catcher. RIP option: SDP-VDP TIFF-out RIP v12.x (Harlequin) includes bonus SDP-Smart Tools workflow management software v7.x
Chem-free wash-off unit	Wash-off process is completely chemistry-free. The integrated 30 liter wash-off unit requires only distilled water with no plate gumming
Punch	Bacher 425 (Standard); Bacher 220 (Optional); Komori 550 (Optional)
Material supply	2 magazines for roll material, 200' (45m) roll at 0.20mm gauge
Light Imaging/source	60 mW Violet laser diode (405nm)
Resolution	1270 and 2540 dpi
Spot size	20 µm
Recording speed	20 plates/hr at 2540 dpi, 30 plates/hr at 1270 dpi
Screen ruling	Max. 200 lpi
Tint	3% to 97% at 2540 dpi and 200 lpi
Tint variation	± 2% at 40% dot (variation over full exposure)
Image-to-image repeatability	± 0.05mm over 4 plates
Punch-to-image repeatability	± 0.02mm
Power requirements	200 – 240 V, 50/60 Hz, 20 amps
Environment	40-60% relative humidity, not condensing
Temperature	64° F – 77° F (18° C - 25° C)
Weight	1213 lbs. (550 kg)
Dimensions (W x D x H)	54.3" x 38.6" x 57.9" (1380mm x 980mm x 1471mm)

PRINT. PROFIT. PRESERVE.

Violet DigiPlate™ chemistry-free CTP is just one of many innovative and ecological offset solutions available from Mitsubishi Imaging. For years we have been committed to serving the complete needs of our customers in the photographic, inkjet and graphic arts industries in an environmentally responsible way. We are the industry leader in green polyester plate technology, and offer the widest variety of inkjet media, graphic arts materials and FSC-certified communications papers available. Our eco-friendly, scalable offset and digital technologies help customers stay competitive, enabling them to reduce their environmental impact for the next generation of print.

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