



MultiDX!

Applications for Label Printing

Rotary Screen Printing

MultiDX! UV equipped with 405 nm UV laser diodes can be used for the exposure of any kind of rotary printing screens, such as Screeny® by Gallus, TecScreen® by Kocher + Beck or RotaPlate® by Stork. The corresponding registering systems are built-in by Lüscher Technologies AG and guarantee perfect alignment.

Flat Screen Printing

Flat screens are imaged easily and accurately by MultiDX! UV. Up to an outside frame size of 600 x 800 mm, we can build custom-made vacuum tables to hold all of your screens.

Letterpress Plates

For the production of letterpress plates (LAMS), MultiDX! is equipped with up to 32 IR laser diodes of 940 nm wavelength. Built-in registering systems, e.g. for Gallus, Nilpeter or OMET machines, allow the shortest setup time in the printing machine and the most accurate exposure.

Waterless Offset Printing Plates

Waterless plates, such as Toray TAC VG-5 with or without protective film, are imaged with 830 nm IR laser diodes. Depending on the application, resolutions of up to 10'160 dpi are available, as for instance used in security printing.

Flexo Printing Plates

For the production of flexo printing plates (LAMS), MultiDX! can be equipped with up to 32 IR laser diodes of 940 nm wavelength. A Dual Resolution Optic is available for flexo plate making with «Flat Top Dot». Exposures are made with either 2400/4800 dpi or 2540/5080 dpi.

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