

BV Laser
Application Note

CtP : Computer — to — Plate

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CtP is the exposure instruments to print the printing data directly to the printing board. The print machine applies the laser to the printing board based on data and prints out the image from the digital manuscript (DTP manuscript) produced on the computer.

After developing these data, the print master board is output. Compared with the past method that exposed from make-up film to the print board, this method is that the process like the exposure and development, etc. was omitted, and it led to a great decrease of capital investment and the running cost.

And the major method using the solid laser of 532 nm, it is necessary to use red light for exposure. But by using the semiconductor laser of 405nm, it is possible to use yellow light. And the working environment for exposing has been improved very well.

• Printing process of CtP



• Printing process of Print film (Film to Plate)

