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[\[Image PDF \(3708K\)\]](#) [\[References\]](#)**Printing Plate****3. Lithographic Printing Plate (3) CTP Plate**Shun-ichi KONDO<sup>1)</sup>

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**Abstract**

Computer-to-plate technology embraced by today's printing industry for its productivity and profitability benefits represents the next logical step in the transition to an all-digital workflow. The development of CTP plate has been progressed by all plate makers using either technology based on silver halide, electrophotography, high-speed photopolymer, negative type thermal-polymer and positive type thermal-polymer. Fundamental information of the above CTP plates will be described with the general structure, mechanism of image formation, process of image formation and performance.

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