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INX DIGITAL PARTNERS WITH SUMMIT UV FOR UV LED CURABLE INKJET OFFERINGS

Go Green-er while Reducing Operating Costs in UV Inkjet Printing

Columbia City, IN. (May 1, 2008) – Summit UV will be demonstrating one of the latest advancements in UV inkjet for narrow web or single pass printing applications at the upcoming RadTech UV/EB Technology Expo. Based on its unique LED curing technology and using an optimized CMYK ink set developed by Triangle Digital INX, a member of INX Digital, full-color images will be digitally printed at highest operating speeds with Xaar™ 1001 piezoelectric printheads on a roll-to-roll feeding mechanism and then cured entirely by low energy and low temperature light emitting diodes (LEDs).

The advantages in using LED technology versus traditional mercury UV lamps for curing include very low heat generation, instant on/off, no bulbs or other consumables, no ozone emissions, no hazardous mercury bulbs, all contributing to very low energy costs. "Providing the best solution for end-users to realize these advantages requires the right match in expertise with UV inkjet chemistry and LED curing technologies," says Mario Carluccio of Summit UV. "We believe that INX Digital is an excellent partner in this pursuit. Their industry leading UV inkjet inks and environmentally-conscious business approach are what make this company different and well positioned to assist end-users in realizing the benefits of our unique UV LED curing units."

The unique advantages of the Black Diamond™ 365 Series from Summit UV as compared to conventional high intensity LED lights are its shorter single-peak 365nm UV-light wavelength and its much higher outputs in excess of 6.0W/cm² peak irradiance. The benefit in operating at the 365nm wavelength is the availability of many more chemistry options being that it is a most common peak already used with traditional mercury UV lamps (i.e. mercury I-line). The higher power output produced is easily measurable using standard off-the-shelf radiometers, such as the EIT Power Puck. The patent-pending multi-faced array

requires significantly fewer LED packages for more efficient product configurations.

This ground-breaking project further demonstrates Triangle's innovative leadership in the digital industry. "TDI is the first to formulate an ink that cures successfully with LED in a four-color image at high single exposure speeds," says Karla Witte, Vice President of Product Development at Triangle Digital INX Co. "I think the companies involved in this exciting project bring the highest level of industry knowledge to the table. The end result is a solution that affects the way traditional printers handle short run operations."

Summit UV will be demonstrating UV LED inkjet printing in booth # 633 at the RadTech event in Chicago, Illinois on May 5 – 7. This will include curing in single exposure of an entire CMYK process color image on uncoated 10mil white gloss PVC substrate with a single Black Diamond 365 Series UV LED lighthouse at speeds of up to 80fpm and with no special or inert curing atmosphere. Arrange appointments in advanced by contacting Mario Carluccio at (260) 244-1824 or info@summituv.com.

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Summit UV, through its Business Products heritage as an innovative commercial print provider offering offset, screen, pad and inkjet technologies, has served the printing industry since the late 1970s. The debut of its first UV LED curing units at SGIA 2007 trade event in Florida is a result of four plus years in the development of a more efficient, economical and greener solution for UV-curing. For more information, please visit www.summituv.com.

INX Digital offers a full complement of digital ink systems, advanced technologies and integration services through a confederation of member companies and affiliates, with additional design expertise, products and services available as needed. Triangle Digital INX Co. (TDI), specializes in outdoor durable pigment-based Superwide and Wide Format digital inks and protective clear coatings, and is the leading global supplier of Inkjet Products. TDI is part of INX Digital, the digital arm of INX International Ink Co. For more information, please visit www.triangleinx.com.