

Summit UV Customer Info:
(800) 491-3148
www.summituv.com

FOR IMMEDIATE RELEASE

Public Relations Contact:
Mario Carluccio
(260) 244-1824
mariocarluccio@yahoo.com

SUMMIT UV™ DEBUTS BLACK DIAMOND™ 365 SERIES UV LED CURING UNITS AT SGIA 2007 SHOW

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

Columbia City, IN. (October 23, 2007) – Summit UV™, a developer of LED curing systems for printing, imaging and dispensing applications, will be demonstrating at the SGIA 2007 show its unique Black Diamond™ 365 Series UV LED curing units on a wide format graphics inkjet printer producing high resolution images at production speeds and using standard off-the-shelf UV-curable inks. An environmental-friendly, lower operating cost curing solution using high intensity light emitting diodes (LED's) is now a reality.

The advantages in using LED technology instead of traditional arc or microwave UV lamps for curing applications include no consumables, no ozone emissions, no hazardous mercury bulbs, instant on/off, low energy costs and low heat generation. High intensity LED technology though has previously fallen short of expectations in providing full-cure capabilities due to low outputs, surface cure issues and water-cooling requirements. It has instead been mainly used to date for pinning applications still requiring mercury UV lamps to complete the curing process.

The unique advantages of the Black Diamond 365 Series as compared to conventional high intensity LED lights is its shorter single-peak 365nm UV-light wavelength and its much higher outputs in an air-cooled only lighthouse for units delivering up to 4.0W/cm² peak irradiance. The benefit in operating at the 365nm wavelength is many more available 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. The patent-pending multi-faced array requires significantly fewer LED packages for more efficient product configurations.

Summit UV will be demonstrating its Black Diamond UV LED curing units in booth # 775 at the SGIA 2007 show in Orlando, Florida on October 24-28. There

will be a recognizable 72" flatbed UV-curable inkjet printer that was retrofitted by Summit UV with its Black Diamond Model BD-365-4/3 UV LED curing units. It will be printing and curing process color images in standard 600 x 600dpi Production Print Mode using standard off-the-shelf UV-curable inks as supplied by the OEM of this printer.

Appointments can be arranged in advanced by contacting Mario Carluccio at (260) 244-1824 or mariocarluccio@yahoo.com.

#

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