

SLM Illuminations

Welcome to Phoseon Technology's Quarterly Newsletter

Application: Material Handling and UV Printing

BDT Media Automation, FUJIFILM Dimatix, Inc. and Phoseon to demonstrate product handling and printing on various substrates



BDT Tornado Technology



[BDT Media Automation GmbH](#), a market leader for B2 format feeders in digital printing, [FUJIFILM Dimatix, Inc.](#), one of world's leading providers of inkjet printheads for commercial and industrial printing, and Phoseon Technology, a leader in UV LED curing solutions for commercial and industrial applications have agreed to work together to integrate a media transport, print engine, and cure device for various packaging applications.

The demonstration system will take advantage of the flexibility of the BDT Tornado media handling technology and the versatility of UV printing provided by FUJIFILM Dimatix and Phoseon. The demonstration will be at the Pack Expo International in Chicago, Nov. 2-5, 2014. [Read the full article](#)



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Technology: Wood - A Bright Spot in LED Cured Coatings



When you talk about [UV LED success stories](#), much of the discussion centers on inks and adhesives, where LED has gained a strong foothold and many users have turned to LED for curing solutions. Coatings applications have lagged behind for a number of technical reasons and the nature of the coatings market. But, within the coatings field, coatings for wood has become a particularly active and successful area of work.

That's hardly surprising given some of the needs on wood lines, where heat is an important limitation of mercury lamps, the parts tend to be flat surfaces lending themselves to locating LEDs close to the surface, and many of the coatings are clear and tinted topcoats. This has produced some exciting projects both in factory and field applied applications of UV using LED light sources. Join the [UV LED Curing Community](#) discussion about your use of UV LED for coatings – whether that's for wood, or other substrates.

Visit the [UV LED Curing Community](#) website

Phoseon Lighting the Way: FireJet™

The Phoseon [FireJet](#) is an air cooled small form factor UV LED curing lamp with peak intensities up to 12W/cm². The FireJet™ is ideal for UV Inkjet wide format systems and is capable of curing at the highest speeds for small, medium and grand format digital printing systems. It's also ideal for many adhesive and coating applications.

Product Name	Emitting Window	Dimensions L x W x H (mm)	Weight (kg)	Peak Irradiance (W/cm ²) @ Wavelength (nm):		Key Features
				365	385/395/405	
FireJet™						
FJ200 	75	77	1.1	4	8 or 12	<ul style="list-style-type: none"> • Scalable • High Irradiance • Digital/Analog Control • Intensity Control • High Performance Curing Applications
	150	152	2.2			
	225 x 20mm	228 x 136 x 253	3.3			
	300	303	4.4			
	375	378	5.5			
FJ100 	75	78	0.5	4	6	
	150 x 20mm	152 x 52 x 147	1.0			
	225	227	1.5			

Learn more about Phoseon's [UV LED curing products](#)

Phoseon in the Press

[Phoseon Technology Exhibits at the 22nd Shanghai International Ad & Sign Expo](#)

[Phoseon Technology Displays at NEPCON Thailand](#)

Read Phoseon [press releases](#)

A Brilliant Display By Phoseon: Events

Upcoming Events

Touch Taiwan 2014

August 27-29, 2014

Taipei City, Taiwan

<http://www.touchtaiwan.com>

IMI Inkjet Showcase

September 3-5, 2014

North Carolina, USA

<http://www.imiconf.com>

The Inkjet Conference

September 30-October 1, 2014

Dusseldorf, Germany

<http://theijc.org/>

Anwendermesse UV-Druck

October 29-30, 2014

München, Germany

<http://www.fogra.org>

IMI Europe

November 5-7, 2014

Barcelona, Spain

www.imieurope.com/

[Learn more about UV LED curing related events](#)

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