

Application: Coding and Marking

Maplejet offers high performance printers with UV LED curing



Maplejet manufactures and distributes high resolution piezo inkjet coding and marking printers. These printers can print everything from barcodes, production dates and expiry dates onto metal, cardboard, plastic cartons, cans, labels and eggs.

The ProDigit 18, ProDigit 53 and ProDigit 106 are high resolution, drop in demand coding and marking printers that utilize Phoseon's FireFly UV LED curing lamps.



[FireFly FF200 25x20](#)

The UV printer option combines the print quality, cost of ownership and low maintenance normally associated with high resolution technology whilst offering dry times onto non porous substrates that are normally only associated with other, higher cost technologies.

[Read the full article](#)



February 2013 ISSUE

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Technology: UV LED Wavelength

Ink formulation for LED technology has evolved significantly in past years and today there are a growing number of suppliers developing inks that work well with LED technology. As LED technology becomes more powerful and more compatible inks become available, the advanced capability in UV printing will be substantial. Material suppliers have responded to the demand and challenge in the printing world to formulate raw materials that absorb energy corresponding to output wavelength of UV LED curing units.

[Learn more about UV LED Wavelength](#)

Learn more about [UV LED Curing technology](#).

Phoseon Lighting the Way: FireFly

The [FireFly](#) products are high capability air cooled system used for a wide variety of UV printing and other applications.

SPECIFICATIONS			
Emitting Window	Product	Dimensions	Product Family Features
25 x 10mm		65 x 31 x 92mm 0.2 kg (0.4 lbs)	 *Peak Irradiance: Up to 8W/cm ² Total UV Power: Up to 240W Pure UV Output: 380-420nm Interface Control: PLC Safety: CE, RoHS and REACH Compliant
25 x 25mm		74 x 48 x 135mm 0.4 kg (0.9 lbs)	
25 x 20mm 50 x 20mm		74 x 48 x 160mm 0.4 kg (0.9 lbs)	
75 x 20mm		110 x 68 x 200mm 1 kg (2.2 lbs)	
150 x 20mm		195 x 96 x 200mm 2 kg (4.4 lbs)	

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

Phoseon in the Press

[Phoseon Technology Displays UV LED Technology at RadTech UV.EB West](#)

[Phoseon Technology to Present Paper at the Technical Association of Graphic Arts Conference](#)

[Phoseon Technology Presents Leading Edge UV LED Curing Solutions at IMI Inkjet Printing Conference](#)

Read Phoseon [press releases](#)

A Brilliant Display By Phoseon: Events

Live Webinar

[UV LED - The Future is Now](#)

UV LED for Flexographic Printing

February 27, 2013

2:00 PM EST

[Radtech UV.EB West](#)

February 26-27, 2013

Redondo Beach, CA

Table 11

[Decorative Surfaces Conference](#)

March 12-13, 2013

Berlin, Germany

Visit the Phoseon [events page](#)

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