

Application: Braille Printing

A B Graphic utilizes UV LED curing technology for Braille Printing



A B Graphic International Ltd has announced a new digital printing machine for Braille. The machine is primarily aimed at the production of pharmaceutical labels, leaflets and booklets and can also be used for any packaging markets where Braille marking is required.



Personalisation and Flexibility

Printing Braille allows for better personalisation and flexibility for labels and packaging. If you want to change the message frequently (i.e. change the date, name, language, etc.), all you need to do is update the computer running the line. If you use a traditional stamping method instead of printing, you will need a new pair of wheels for each change.



[FirePower 300x20](#)

[Read the full article](#)



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Technology: UV LED Chemistry


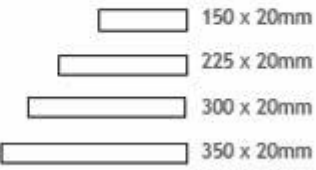

For efficient and effective UV curing of an ink, coating or adhesive, the formulator seeks to overlap the UV lamp output with the spectral absorption of the photoinitiator (PI). The amount of PI in a typical UV formulation is usually very small, less than 5%. PI's typically absorb across a range of wavelengths, not a narrow band. Many existing UV formulations developed for curing with a typical mercury arc lamp use a broad spectrum PI. While there is often some absorption within the UV LED output range, it is clear to see that much of the PI absorption range is wasted. A more efficient cure is possible with a formulation designed specifically for UV LED curing using a PI with concentrated absorption in the UV-A range.

[Learn more about UV LED Chemistry](#)

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

Phoseon Lighting the Way: FirePower

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

FirePower	Peak Irradiance	Emitting Window Dimensions	Cooling System
	12 & 16 W/cm ²	 150 x 20mm 225 x 20mm 300 x 20mm 350 x 20mm	 Water Cooled

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

Phoseon in the Press

[Phoseon Technology Showcases UV LED Curing Solutions at RadTech Asia](#)

[Hymmen Displays Digital Printer at Ligna with Phoseon Technology's UV LED Curing Solution](#)

[Phoseon Technology Launches Traditional Chinese Website](#)

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A Brilliant Display By Phoseon: Events

[Radtech Asia](#)

May 20-24, 2013
Shanghai, China

[APPPEXPO Shanghai](#)

July 10-14, 2013
Shanghai, China

[IMI Europe](#)

June 3-4, 2013
Barcelona, Spain

[Radtech Europe](#)

October 15-17, 2013
Basel, Switzerland

[FESPA](#)

June 25-29, 2013
London, England

[Radtech UV.EB East](#)

October 1-2, 2013
Syracuse, New York

Visit Phoseon [events](#) page

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