



Integration Technology at InPrint 2017 – fulfilling curing needs for faster, more powerful industrial printing

A founding exhibitor at the foremost event showcasing solutions to print directly onto pre-packaged products, [Integration Technology Ltd \(ITL\)](#) returns to display the very latest in UV LED curing technology for industrial printing at [InPrint 2017](#) (November 14th to 16th, Hall 6 - Munich Trade Fair Centre - Germany).

UK-based ITL brings advanced UV solutions to a wide variety of applications such as 3-D modeling, high speed single pass digital printing, robotic applications, medical device assembly, printed electronics, conformal coatings, genetics, automotive, display assembly, aerospace and many others.

Comments ITL Sales Director David Johnson: *“Our expertise in designing bespoke or large highly specialised UV LED solutions is difficult to showcase at a trade show, but InPrint has always yielded a rich vein of projects”.*

On stand 613 ITL is showcasing the latest high speed/high dose variant of the [SCX](#) UV LED system.

Packaged in a sleek and robust casing, the recently-launched SC series offers machine makers unrivalled peak and dose irradiation with complete linearity of output, even when scaled to lengths in excess of 2 metres.

A slim and compact architecture enables easy integration, while water cooling provides stable precision high output, these performance characteristics underpinned by the combining and integrating of ITL’s latest XT8 high efficiency array and STEADYcool technologies, backed by a 5-year warranty.

New [SCX HD](#) includes all the benefits of the SC series while doubling the amount of UV-LEDs in a single housing to enable superfast run-speeds and fully curing inks that need a higher dose. Designed for high-speed, single-pass curing, it delivers a massive 28W/cm² of peak intensity with a class-leading dose capable of curing speeds in inkjet printing in excess of 100m/min.

For use in harsh operating environments, the new SC models can also be specified with a fully certified IP64 rating for dust and moisture resistance (higher rated than any other LED solution currently offered in the market).

A selection of other examples from ITL's extensive range of UV LED solutions will also be on display alongside both UV LED and UV Arc products from parent company [IST METZ](#) who are co-exhibiting alongside ITL, delivering the world's largest portfolio of UV and UV LED solutions. Highlight of the UV specialist's product portfolio presented at InPrint 2017 will be [HANDcure](#), the mobile wireless LED UV handset from IST METZ for irradiating spots and larger areas. It is typically used for cross-linking and detection. At an operating voltage of 15-18 VDC, the device runs on a battery and uses a spectral range of 365 nm to 415 nm. The basic variant weighs 1 kg. This allows fatigue-free working in a huge range of applications.

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Further Information

Founded in 2000, ITL is a world pioneering designer and developer of UV curing solutions for ink jet printing as well as other emerging technologies, first commencing an active UV LED program in 2002. The Oxfordshire, UK, based company serves the industry's foremost OEMs, integrators and system developers with support from its regional offices in Europe, the USA, South America and the Far East.

Part of the IST METZ GROUP: ITL and IST offer the world's largest portfolio of UV curing solutions. IST METZ develops, manufactures and distributes UV equipment for curing solvent-free inks, varnishes, silicones and adhesives. The company operates from its headquarter in Nürtingen, Germany, with a further 14 global sales and service companies, employing more than 550 staff.

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