



RECEIVE UP TO 25 % DISCOUNT ON ALL ORIGINAL IST UV PARTS

FROM 01 – 31 MARCH 2021 ONLY!

(EXCLUDING REPAIR & EXCHANGE UNITS / ITEMS)

A T S (Pty) Ltd. (Heiko Schmidt) – SA (African) Representative of IST Metz

UV curing not only offers the advantages of immediately cured inks and a high print quality, but also allows for reduced investment and operating costs. With over 40 years experience of UV in the graphic arts industry, and more than 14,000 UV systems installed, the IST Metz Group is ideally placed to help you decide if UV is right for you, and if you should go for Low Energy UV or LED UV.

IST Original Parts – Your Key to Success

The output of a UV system is essentially determined by the optical components in the system, the UV lamp and the reflectors. IST Metz has always been aware of the key role of these components, and therefore focusses on consequent in-house development and production. Only by doing so can we meet the high demands of our customers.

In the case of IST UV lamps the high technical standard of the products is achieved by craftsmanship in connection with extensive quality controls. Therefore IST Metz is able to offer outstanding warranties on these products.

In the case of IST URS® reflectors we succeeded in bringing the maximum yield of UV light - which is important for the process - to the substrate, regardless of the required reflector geometry while undesired heat is reliably discharged. This provides a maximum UV output, achieved with very high service life of the reflectors. This allows a saving of valuable energy, while increasing the efficiency of the production process. The layer systems of reflectors are optimally matched to the overall product.

Excimer technology



The new laboratory facility with Excimer technology from IST Metz is over three metres long, has the option of inerted final curing, three Excimer units with wavelengths of 172 nm and 222 nm in an inerted atmosphere and the option of preheating and adjusting coating viscosity using an infrared module. The short-wave and thus high-energy emission of an Excimer lamp means that it can only pre-cure the surface of thin layers of a coating. During the curing process, microfolds form at the surface without affecting deeper layers.

[Read more...](#)

UV technology

UV technology facilitates a variety of finishing options, rendering the packaging and the product still more unique. The use of UV technology likewise ensures an efficient production process. It is possible to continue processing immediately after printing, which reduces storage costs and keeps the process lean. New drying and finishing techniques, customization in any size of print run, value-added packaging with augmented reality or security by design and printed electronics provide more differentiation options than ever before.



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SPECIAL OFFER

Get one week's training on-site with our experienced UV printers for every retrofit.

Contact us today at enquiry@ats-sa.co.za
Contact us now!!!

LOW ENERGY UV

The UV solution for commercial printers

- Highly reactive inks
- Proven UV technology
- Only one UV lamp needed

[Read more...](#)



For detailed information please contact your local representative

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