

UV CURING SYSTEMS FOR INDUSTRIAL APPLICATIONS AND CONVERTING



IST METZ develops, produces and sells UV systems for the environmentally friendly curing of inks, varnishes, silicones and adhesives which either have a reduced solvent content or none at all. We offer UV systems for a wide range of industrial applications. UV technology is successfully used for many industrial applications, for example when coating automotive parts and household appliances or bonding displays. With over 550 employees in 11 companies and a worldwide sales and service network we guarantee fast, reliable, on-the-spot support.

PRODUCT PORTFOLIO OF IST METZ

- UV systems with arc lamps
- Lamp length up to 2300 mm
- Inertisation
- Excimer Units
- Explosion proof system
- LED UV systems
- Laboratory systems
- UV measuring instruments
- UV trainings and seminars
- Rental systems and test equipment
- Warm-air infrared

INDUSTRIES

- Electronics (displays, optical functional films, plastic coatings, printed electronics)
- Medical and pharmaceutical
- Automotive (hard coating for interior and exterior parts)
- Green technology (air treatment, water treatment)
- Cosmetic industry
- Flooring
- Energy
- Textiles
- Metal industrie



Automotive



Electronics



Metal industries



Flooring

UV SOLUTIONS FOR YOUR SPECIFIC REQUIREMENTS

Products from the IST METZ Group allow you to coat, bond or metallise various substrates. Solvent-based, solvent-free or water-based UV varnishes are used for coating purposes. Both conventional UV systems and LED UV units are suitable for curing cationic, radical or dual-cure coatings and adhesives.

FIELDS OF APPLICATIONS

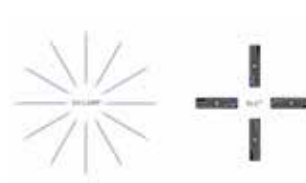
- Hard coating
- Converting (roll – to – roll)
- Siliconising
- Hotmelt
- Coating of 2D and 3D parts
- Cleaning (excimer units)
- Adhesives
- Plastic coating
- Metal coating
- Coil coating

CUSTOMER BENEFITS

- High performance UV systems
- Maximum productivity
- Minimum operation cost
- Energy efficient equipment
- User friendly
- Easy to handle
- Optimised heat management
- FLC® (Fast Lamp Change)
- UV Online Sensor (water-cooled units)
- Highly efficient reflector technology

TECHNICAL DATA

Wave length range	172 nm – 440 nm
Doped lamps	- mercury - mercury/gallium - mercury/iron - mercury/lead
Power spectrum	up to 270 W/cm
Cooling	air and water cooling



UV lamps and electronics components



Coatings for two and three-dimensional parts



Measuring and testing devices by IST METZ



Laboratory units

WE HAVE THE CURE

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