

modulux
// by IST

>> **modulux**
led uv.

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»» modulux led uv

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- >> up to 75% energy saving possible
 - >> fast ROI due to energy saving
 - >> carbon neutral with green energy

>> **Technical benefits**

- > **Instant on/off**
- > **Format zone switching**

> 2.000 mJ @ 100m/min

>> peak performance dose

> 50%* more dose than any **aircooled system**

> 25 %* more dose than any other **watercooled system**

*measured with UV Analyzer in direct comparison and real production conditions (mj @ 100m)

>> modulux led uv

- >> **lense** for light guidance
- >> **maximum light outcome**

>> Watercooling

- > No exhaust
- > No contamination by deposits of printing ink or dust
- > No noise development
- > little installation effort
- > Small housing sizes

>> plug & play

- > easy installation on all existing UV system
- > can be combined with any other IST technology



>> clever & lean

- > online configuration of components
- > online order tool



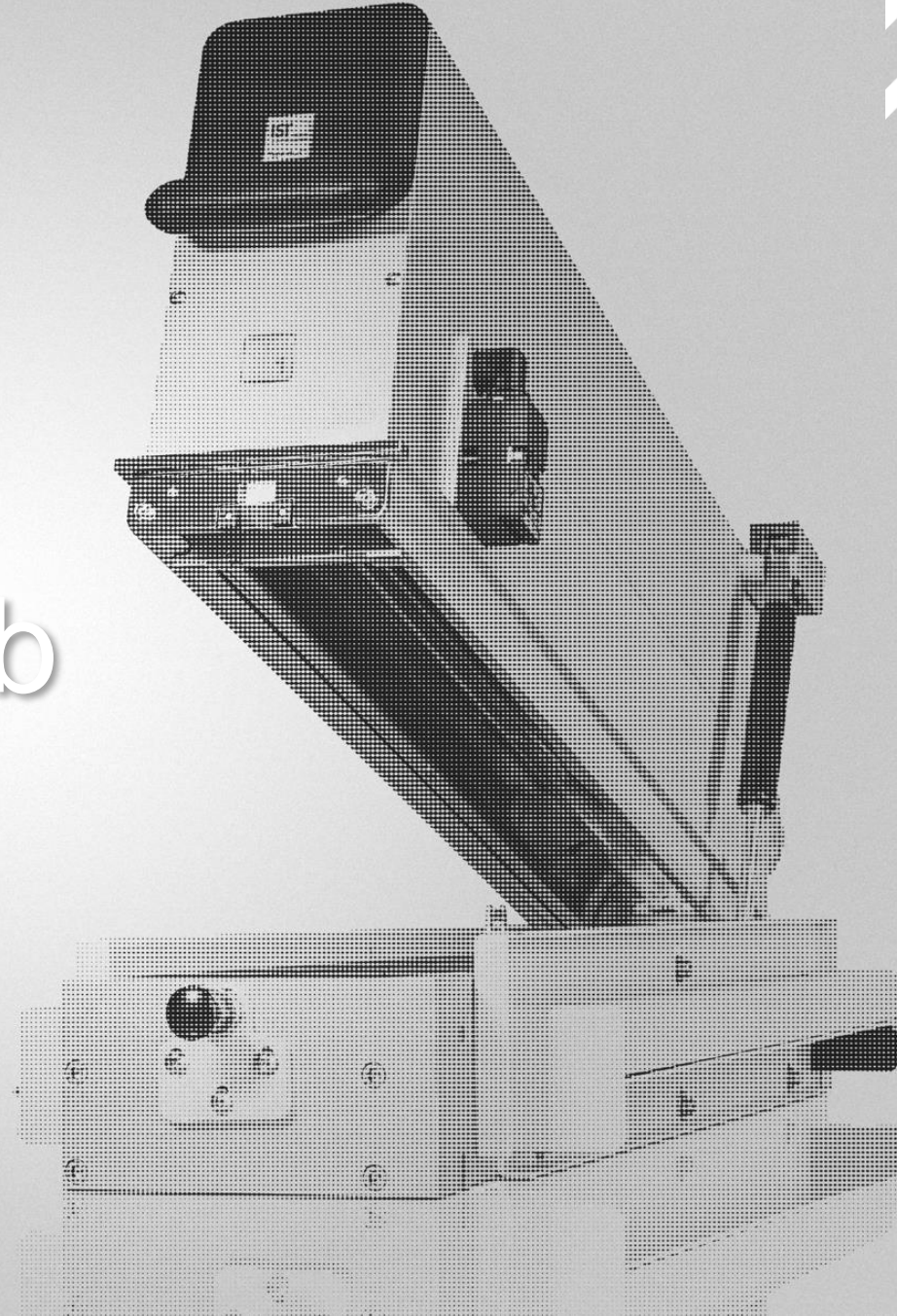
A large, semi-transparent image of a microscope is positioned in the background, angled from the top right towards the bottom left. The microscope is rendered in a dark blue, halftone-like texture.

>> when reliability
really counts.

- >> on Films
- >> on Paper
- >> PVC flooring

>> Converting & web

- > All substrates
- > Low migration
- > Nitrogen reduced solutions
- > Can be combined with LED
- > Can be combined with Excimer



>> **Converting**

- > Technical Films
- > PVC flooring
- > Matting with Excimer
- > Siliconising
- > UV adhesives

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- A wide-angle photograph of a wind farm. Several white wind turbines are spaced out across a rolling landscape. The foreground is a golden-brown field with several large, cylindrical hay bales. The middle ground is a dense green forest. In the background, a blue body of water is visible under a clear blue sky with a few wispy clouds. Power lines run across the scene.
- >> reduced energy consumption
 - >> low thermal load on the substrate
 - >> low nitrogen consumption for inerted systems

**>> Highest UV-C range
(200 – 288 nm)**

>> made in
Baden-Württemberg

> > because
surface
matters.



>> Converting

- > Development of customized UV, LED UV or Excimer solutions
- > Experienced IST-Team
- > Lab equipment and test systems available for trials

➤➤ HEATset

➤➤ COLDset

> customized curing solutions

> > we have
the cure.

