



# BLK<sup>®</sup>-6 CI

Oxygen-reduced UV system for CI printing presses

IST METZ GmbH

# BLK<sup>®</sup>-6 CI

## Compact size

- Unit width: 11 cm
- Unit height: 14 cm
- Lamp length up to 2350 mm

**Integration in all CI printing presses without difficulty, even at limited installation space**



## Oxygen-reduced UV system

- Less oxygen – improved curing
- Save processing of temperature sensitive materials
- No generation of ozone

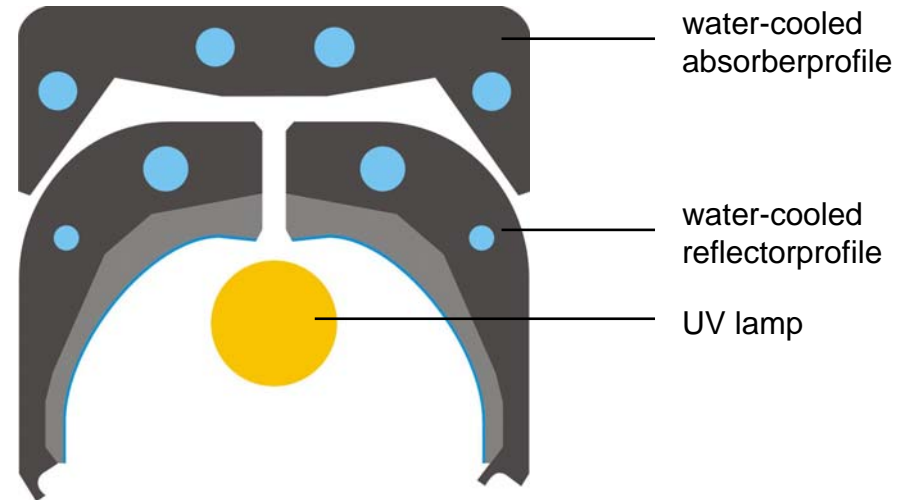
## Overpressure operation

- Cooling of the lamp with Nitrogen
- No dirtying of lamp and reflector through exhaust air
- No quartz glass screen required



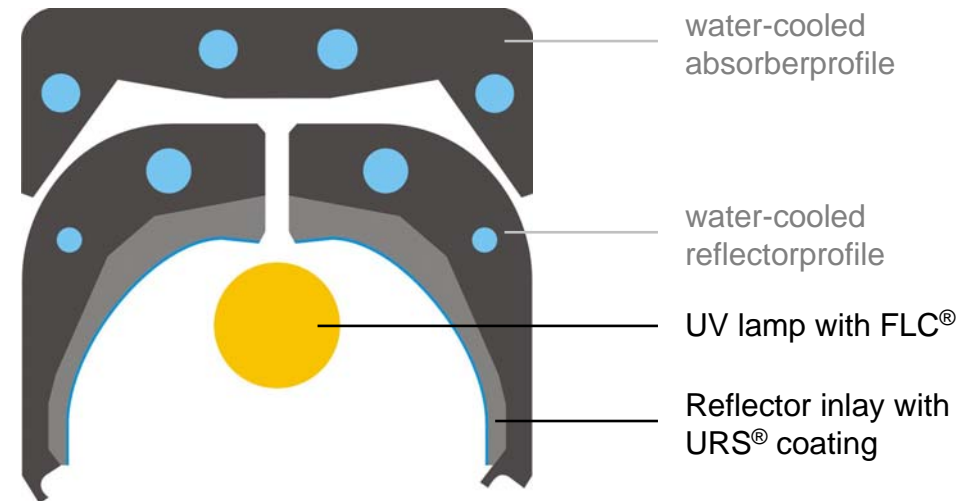
## Effective heat management

- Water-cooling of reflectors and housing
- Equal cooling all over the complete lamp length by means of overpressure nitrogen cooling



## User-friendly handling

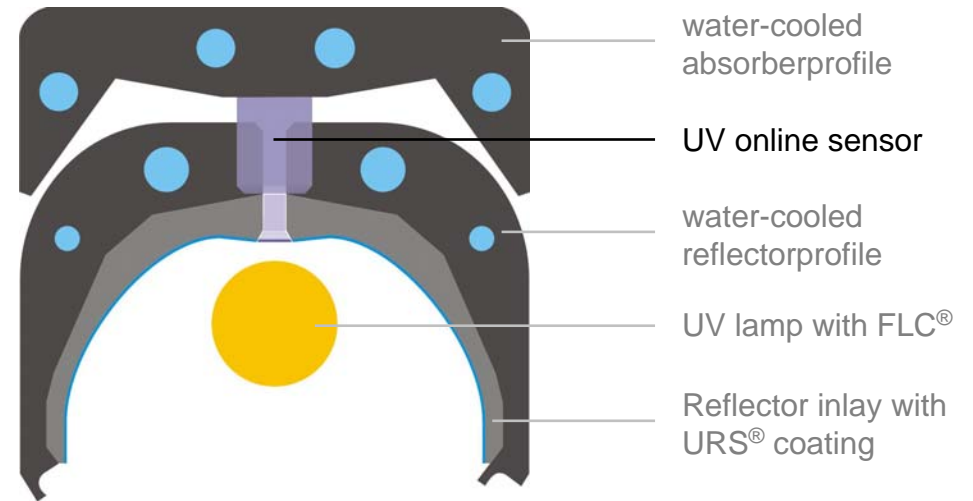
- **Fast lamp change FLC<sup>®</sup>**
- **Patented inlay-reflector technology**
  - **URS<sup>®</sup>-cold mirror reflectors**
  - **easy change of the reflector inlays**
  - **adaption of reflector geometry and coating to the application**
- **One central plug for compressed air, control and supply voltage**



## Production reliability

### ■ UV online sensor

- Safeguarding the efficiency of the UV system (ratio of radiation intensity to electrical output) regardless of the lamp output set
- A visual traffic light signal shows when the lamp or reflector needs to be cleaned or replaced



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