

A woman with long blonde hair, wearing a grey leather jacket, is smiling and holding a glowing blue rectangular device with a grid of lights. The device is emitting a bright blue light. The background is dark grey. In the top left corner, there are diagonal stripes in yellow, grey, and blue. In the top right corner, the letters 'IST' are written in white.

IST

# **HOT SWAP** **for LAMPcure and LEDcure**

# Hot Swap Technology



Switch over to LEDcure on short notice at any time!  
based on ELC<sup>®</sup>-X/PE series

- UV systems are fitted with the same ELC<sup>®</sup> type electronic power supply devices as standard.
- They can be used to continuously regulate the dimming range of the UV lamp.
- Both LAMPcure and LEDcure units can be operated interchangeably with the same ELC<sup>®</sup>.
- Existing UV units that are already operated with the ELC<sup>®</sup>-X series can be retrofitted with an LEDcure system.
- For air- or water-cooled systems



# Electronic Power Supply ELC<sup>®</sup>-X

## Features:

- **Low operating costs**  
High electrical efficiency up to 97% = low energy consumption
- **Compact and light construction (stacking concept)**  
Due to its very compact construction the required space and weight for the switch cabinets is reduced by up to 50 %.
- **Available for lamp outputs up to 32 kW**  
ELC<sup>®</sup> units are available for lamp outputs from 4 kW to 32 kW. (lamp output of  $\geq 240$  W/cm optionally available)



# Electronic Power Supply ELC<sup>®</sup>-X

## Features:

- **Lamp output control**  
In case of sensitive materials the production can already be started at 35 % of the maximum output.
- **Stand-by operation**  
The UV unit can be operated in stand-by modus with a lamp output of approx. 20-30%.
- **Increased production process safety**  
Due to its integrated control and monitoring system output control net voltage variations of +/-10% do not influence the lamp output.
- **Hot Swap technology**  
suitable for alternating production with lamp or LED





## Smart Control

- **New generation of LAMPcure and LEDcure are equipped with the Smart Control system user interface**
- **Makes the operation of UV systems clear, is easy to use**
- **Allows straightforward integration into the control systems of all common kinds of printing press**

### REMARKS:

- **Remote ready feature is still available**

# Smart Control



Smart Control

The interface displays five process cards (01-05) and control panels for UV and N<sub>2</sub>. The top bar shows 'xxx s', '11:42 h', and '18.03.2015'. The process cards show various parameters and units.

Card	Icon	Unit 1	Unit 2	Unit 3	Unit 4
01	Target	%	%	m/min	
02	Target	%	%	m/min	
03	Target	%	%	m/min	mW/cm <sup>2</sup>
04	Grid	%	%	m/min	
05	Grid	%	%	m/min	mW/cm <sup>2</sup>

Control panels below the cards:

- UV: mW/cm<sup>2</sup>, mW/cm<sup>2</sup>
- N<sub>2</sub>: mW/cm<sup>2</sup>, mW/cm<sup>2</sup>
- Target/Flow: m/min

Bottom navigation bar: Power, Stop, UV, Menu, Settings, Help.

# Smart Control



Smart Control

