

# EXPOMAT AEX-II

High speed precision auto exposure machine  
with automatic optical CCD-camera-registration

Collimated UV-LED  
light system  
High-power and  
water cooled



Swiss Quality



Smallest footprint 2,45x1,25m

- Double sided CCD-camera registration with 2 or 4 target detection and/or Microvia/Hole function
- Double sided exposure of solder mask, outer layer and inner layer in one machine without having to retrofit the machine
- Alignment accuracy  $\pm 2\mu\text{m}$  after vacuum
- Registration accuracy  $\pm 5\mu\text{m}$
- Repeatability accuracy  $\pm 2\mu\text{m}$
- Fast film (cassette) changing time  $\leq 45$  second
- Statistical process control SPC (Option)
- Machine integrated film-cleaner (Option)
- 1 x or 2 x 1.0 kw collimated UV-LED
- 1 x or 2 x 5.0 kw collimated short-arc lamp
- 1 x or 2 x 6.0 kw directed MHL UV-Lamp
- 1 x or 2 x 9.0 kw directed MHL UV-Lamp
- Up to 240\* inner layer/h at max.  $5\mu\text{m}$
- Up to 200\* outer layer/h at max.  $10\mu\text{m}$
- Up to 160\* solder mask/h at max.  $15\mu\text{m}$
- Panel size min. 200 x 305mm
- Panel size max. 560 x 650mm

\*depend on type of dry film, solder mask type and registration accuracy



## PRINTPROCESS AG

Printprocess AG      Sumpfstrasse 13      CH-6300 Zug      Switzerland  
Telefon +41 41 7498080      Fax +41 41 7498090      info@printprocess.com      www.printprocess.com

Technical characteristics described in this data sheet are for information only. They are not contractual and may change without prior notice