

## HELLAS LED - VACUUM EXPOSURE UNIT (SINGLE/DOUBLE SIDED)



SKU: HELLAS



### BUNGARD HELLAS LED VACUUM EXPOSURE UNIT

**HELLAS LED - High precision vacuum exposure unit** designed for **single/double sided contact exposure** of presensitized base materials, such as tampon printing clichés, PCBs, front-panels, daylight films and other UV sensitive coatings.

Available in **4 different models**.

ATTENTION | At order entry, please indicate in the notes the required wavelength from those available: 365 / 380 / 405 nm.

*The video shows a previous model equipped with neon light: HELLAS LED features the same structure but without amperometer and cooling fan (no longer necessary).*

#### Typical applications

Positive or negative photo-coated PCBs, printing plates made of nylon, aluminum, steel and diazo and transfer films.  
 Suitable for photosensitive products with spectral sensitivity in the chosen UV range (to be indicated at order entry): 365 nm, 380 nm, 405 nm.

#### Specifications

- Power supply: 220 V / 50 Hz
- Quick start: < 1 sec
- LED lifespan: +/- 10000 hours
- Special reflectors for minimum undercut
- Lower exposure surface: 8 mm special glass
- Upper exposure area: mylar foil in a sturdy frame
- Sturdy steel housing
- **Maintenance-free vacuum pump** (>60%) with gauge display, **1380 l/hour** continuous rating
- Digital timer (1 sec. / 9 min. 59 sec.) with count-down, auto-reset and beeper
- Suitable for fine-line PCBs
- In the double sided models, a separate choice for upper and lower exposure is possible.

#### Models available:

| Model                                  | UV LED | Inner dimensions                    | Max. exposure area                   | Weight        | Wavelength options<br>(to be indicated at order entry) |
|--|--------|-------------------------------------|--------------------------------------|---------------|--|
| <b>HELLAS LED</b><br>Double sided      | 2 x 84 | 620 x 650 x H240<br>mm <sup>3</sup> | approx. 570 x 300<br>mm <sup>2</sup> | approx. 40 kg | 365 / 380 / 405 nm                                     |
| <b>HELLAS LED XL</b><br>Double sided   | 2 x 84 | 680 x 650 x H240<br>mm <sup>3</sup> | approx. 570 x 360<br>mm <sup>2</sup> | approx. 45 kg | 365 / 380 / 405 nm                                     |
| <b>HELLAS-E LED</b><br>Single sided    | 84     | 620 x 650 x H240<br>mm              | approx. 570 x 300<br>mm*             | approx. 40 kg | 365 / 380 / 405 nm                                     |
| <b>HELLAS-E LED XL</b><br>Single sided | 84     | 680 x 650 x H240<br>mm              | approx. 570 x 360<br>mm              | approx. 45 kg | 365 / 380 / 405 nm                                     |

\* Optional: 585 x 320 mm

#### VARIATIONS

| SKU         | Description | Model           |
|-------------|-------------|-----------------|
| 149657B-LED |             | HELLAS E-LED    |
| 149657D-LED |             | HELLAS E-LED XL |
| 149657A-LED |             | HELLAS LED      |
| 149657C-LED |             | HELLAS LED XL   |