

# Product info

## US460- Lightpen UV



**Optimal for the UV curing of adhesives and coatings**

Robust aluminum housing.

Small and lightweight design

All parameters such as UV output (0-100%) and duty cycle (1-600sec) are digitally on Lightpen adjustable. The display is clearly legible red seven segment display.

External on / off control via PLC contact.

Adapter cable available as an option.

No.: US460A

Additional optional heatsink for continuous operation is available (from 600 sec.). This has a photo thread connector for attaching the light pen on a tripod.

No.: US460K

Oure point focusing lens is as simple module can be attached to the light pen. This optional special lens focuses the light beam to a spot of 6mm diameter. At a distance of 5mm, the UV output is then 30.000W / m<sup>2</sup>.

No.: US460HS

<b>Operating Lightpen Voltage</b>	16VDC/1000mA
<b>Operating Supply Voltage</b>	90 – 230V AC 50-60Hz
<b>Case</b>	Aluminium
<b>Weight</b>	140g
<b>Size</b>	122 x 33mm
<b>Protection to EN 60529</b>	IP51
<b>Lifetime UV-LED</b>	> 8.000 hours
<b>Working temperature</b>	10-35°C
<b>Heat short-term operation</b>	<35°C
<b>Long-term operation</b>	> 600 sec. via optional heatsink
<b>LED</b>	1x365 nm +/- 5 nm
<b>UV output (no point focusing lens)</b>	Distance 10mm - 2.200W/m <sup>2</sup> - Lightpoint 10mm Distance 50mm – 700W/m <sup>2</sup> - Lightpoint 40mm
<b>Delivery</b>	US 460 Lightpen, cable power supply 16V / 1A, Measurement protocol, eye glasses, transport case



**Optional point focusing lens,, Hot Spot`**

**UV Power: 30.000W / m<sup>2</sup>**