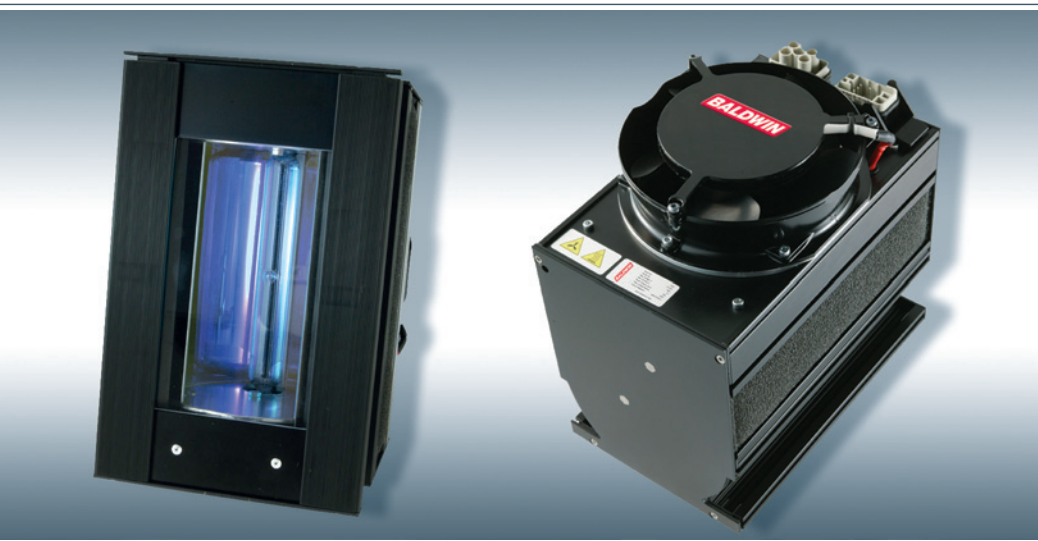


CoolArc™



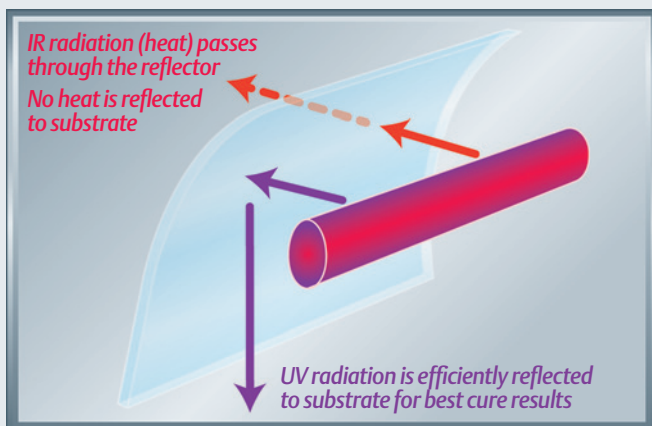
High powered, air cooled, shuttered UV Lamp Head



The CoolArc™ lamp head provides an intense, focused band of UV energy to the material being cured.

Its innovative design incorporates several technologies to deliver high intensity UV without the infrared energy that is detrimental to many applications and substrates.

When the CoolArc™ lamp head is compared to conventional ultraviolet lamp heads, the CoolArc's advanced design and superior performance make it the smart choice for UV applications where a compact, cool running system is required.



Dichroic coated, borosilicate glass reflectors

Advantages

Practical

- Intense UV output
- Low IR (heat) output
- Lightweight
- Integrated shutter as standard
- Complete range of additive lamps available

Economical

- High efficiency
- Tool less quick lamp change

Ecological

- Long lamp life
- Ultra long life reflector
- Closed loop variable cooling



More Intense UV with Less Heat

Features

- Modular design for simple installation and operation
- Glass borosilicate dichroic reflectors direct useful UV energy to substrate
- Thermally stable reflectors give more reliable UV output compared to aluminium reflectors
- Air-cooled lamp head with integral fan provides even lamp cooling
- Extremely high power (up to 240 W/cm 600 W/inch) for most demanding curing needs
- Integral fast-acting, electric shutter design provides dependability of millions of cycles
- Extremely easy lamp change design means less machine downtime
- “Easy-change air filter” design
- Integral quartz window for reduced substrate temperature
- Emerald™ controller option features digital power supply for extremely efficient UV power and fast ramp-up times
- Available in the following arc lengths:
 - 85mm (3.3in)
 - 100mm (3.9in)
 - 150mm (5.9in)
 - 200mm (7.9in)
 - 250mm (9.8in)
 - 300mm (11.8in)
 - 350mm (13.8in)
 - 400mm (15.7in)



Service solutions

- Various lamp lengths available
- Plug & Play version including controller
- OEM version (partial supply)

Options

- Emerald power supply
- Doped lamps

BALDWIN – complete
printing periphery
in one system

Contact us for:

- Professional advice and support
- Further product information
- Return on investment calculation (ROI)

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