Heraeus

Model C6-2 shown with the I301M lamp module.

Model C10-1 shown with the I600M lamp module.

Heraeus Noblelight
C6/C10 Wire & Cable Curing Systems

Attachment for Heraeus Noblelight Lamp Modules

The Model C6 and C10 light shields attach to the lamp systems to provide a complete high efficiency UV curing system for coatings or marking on wire or cable. They are ideal for use with high speed inkjet marking of cable jacketing.

Principle of Operation
The light shield holds a half-elliptical reflector. It and the irradiator reflector form a full ellipse with the UV bulb located at one focus. The target wire or cable enters a square shield extension and passes through the highly focused zone of UV. Small diameter wire is illuminated entirely around its circumference. Larger cable is illuminated over a large portion of its surface on the lamp side.

Construction
The light shield separates at the wire line allowing easy access for service or "wiring up." Either side may be mounted permanently so that the other side is removable. The body attaches directly to the lamp housing; no modification of the lamp is required. It will operate in any position.

Air-Cooled
Together, the lamp blower and an exhaust blower provide push-pull air cooling. The resulting pressure in the light shield is slightly negative, drawing in "make-up air" to further cool the system and to prevent any flow of volatile materials or odors into the work area.

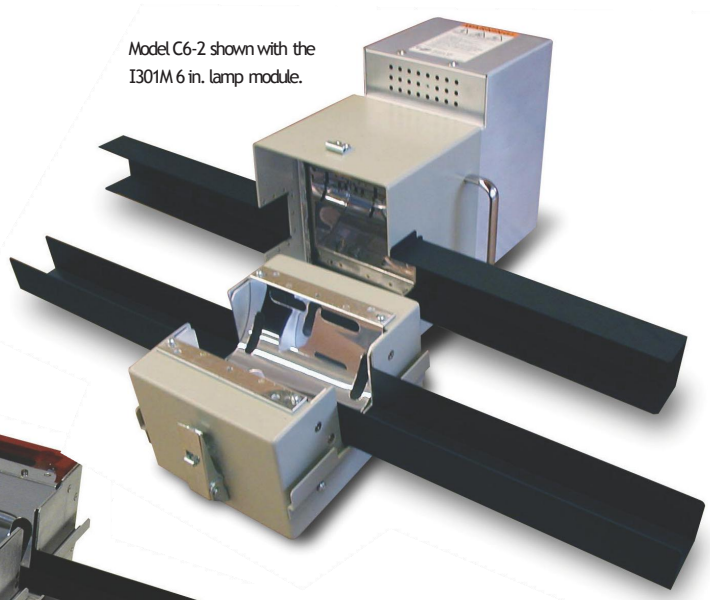
Specifications: Wire & Cable Curing Systems

Two C6 and C10 Models are Available

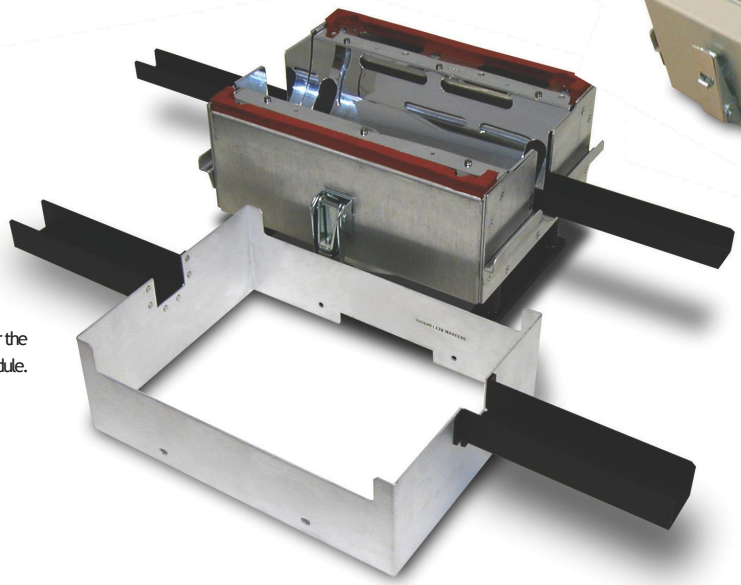
One-Inch Opening (C6-1 and C10-1):
25.4 mm (1 in.) square shield extensions, 152.4 mm (6 in.) long.
Accepts smaller wire diameters.

Two-Inch Opening (C6-2 and C10-2):
50.8 mm (2 in.) square shield extensions, 304.8 mm (12 in.) long.
For larger wire diameters.

Lamp system and blowers sold separately.



Model C6-2 shown with the I301M 6 in. lamp module.



Model C10-1 for the 10 in. lamp module.

Contact your local Heraeus Noblelight office for an engineered solution for your specific requirements.