

C6/C10 Wire & Cable Curing Systems

Attachment for Fusion UV 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.

Model C62 shown with the I300 lamp module.



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 passes through the tubular entrance and exits 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 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.

Model C10T1 shown with the I600M lamp module.



SPECIFICATIONS: Wire & Cable Curing Systems

Two C6 and C10 Models are Available

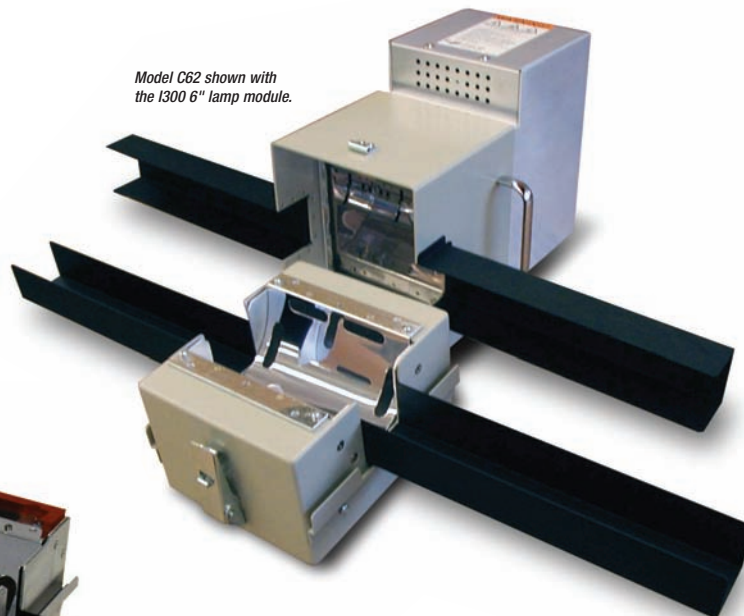
One-Inch Opening (C61 and C101):

1" (square) shield extensions, 6" long.
Accepts smaller wire diameters.

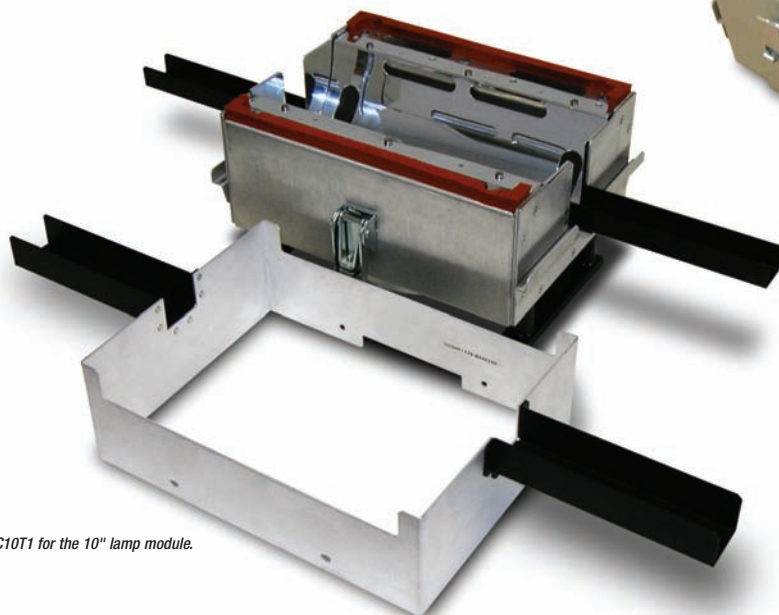
Two-Inch Opening (C62 and C102):

2" (square) shield extensions, 12" long.
For larger wire diameters.

Lamp system and exhaust blower
sold separately.



Model C62 shown with
the 1300 6" lamp module.



Model C10T1 for the 10" lamp module.

Contact your local Fusion UV office for an engineered solution for your specific requirements.



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