

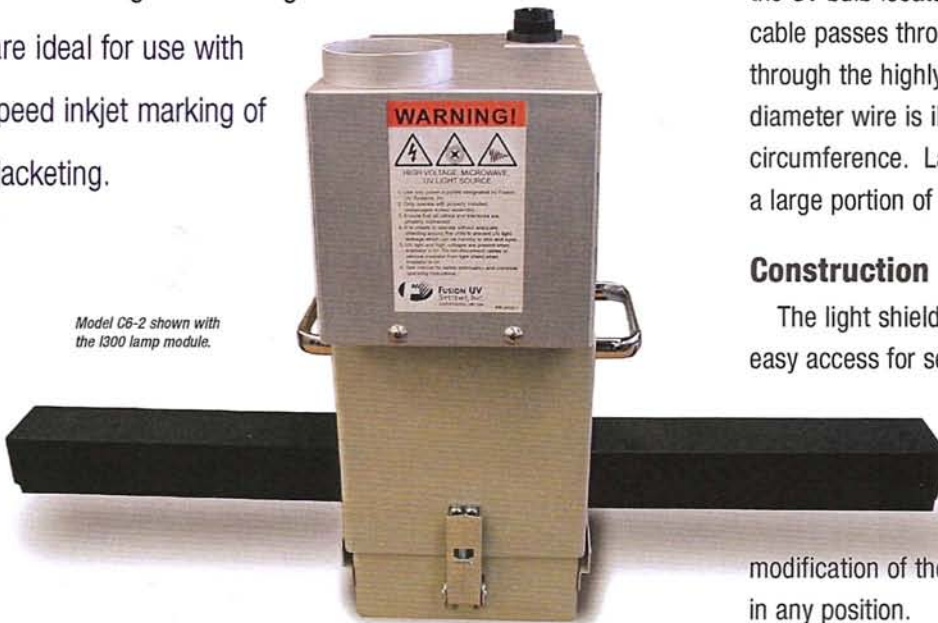
# C6/C10 Wire & Cable Curing Systems

## 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 C6-2 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 C10T-1 shown with the I600M lamp module.*



# SPECIFICATIONS: Wire & Cable Curing Systems

## Two C6 and C10 Models are Available

### One-Inch Opening (C6-1 and C10-1):

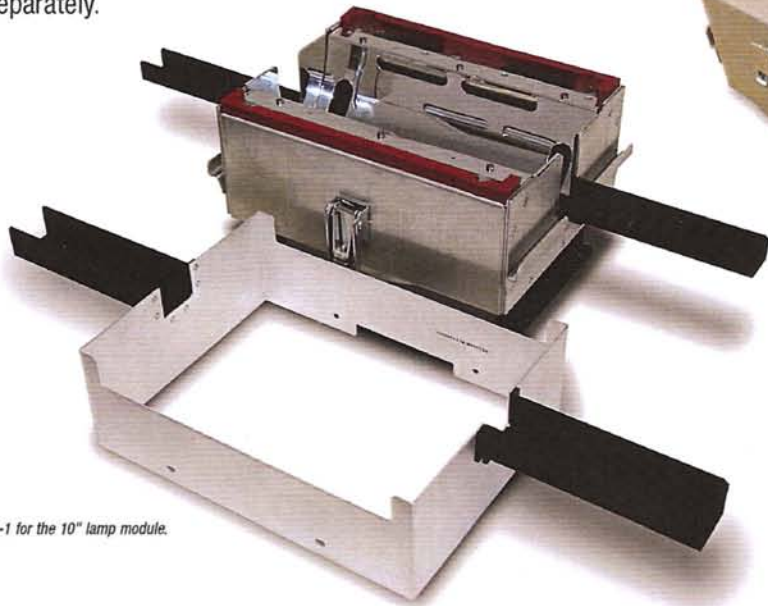
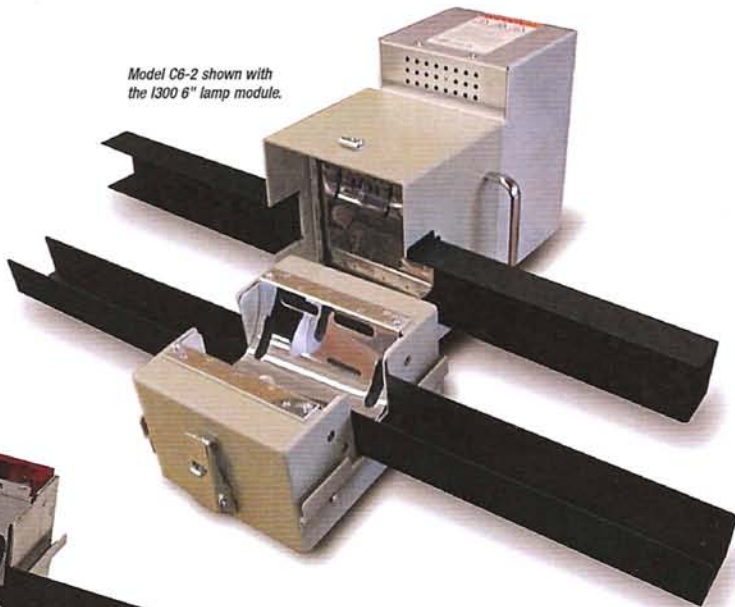
1" (square) shield extensions, 6" long.  
Accepts smaller wire diameters.

### Two-Inch Opening (C6-2 and C10-2):

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

Lamp system and exhaust blower  
sold separately.

Model C6-2 shown with  
the 1300 6" lamp module.



Model C10-1 for the 10" lamp module.

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



## FUSION UV SYSTEMS, INC.®

### Fusion UV Systems, Inc. Corporate Headquarters

910 Clopper Road  
Gaithersburg, Maryland  
20878-1357 USA  
+1 301-527-2660  
FAX: +1 301-527-2661  
+1 888-276-8600  
(North American Toll Free)  
www.fusionuv.com  
e-mail: info@fusionuv.com

**Fusion UV Systems West**  
Torrance, California  
+1 310-370-9920  
FAX: +1 310-370-9152

### Fusion UV Systems, Inc.

Alton, United Kingdom  
+44 1 420 544 516  
FAX: +44 1 420 544 138

### Fusion UV Systems GmbH

Martinsried, Germany  
+49 89 899631-0  
FAX: +49 89 899631-10

### Fusion UV Systems

Singapore  
+65 6844 5538  
FAX: +65 6844 5539

### Fusion UV Systems

Japan KK  
Tokyo, Japan  
+81 3 5542 3980  
FAX: +81 3 5542 3992

### Fusion UV Systems

**Spectris China Ltd.**  
Beijing, China  
+86 10 6856 0808  
FAX: +86 10 6802 9962  
Guangzhou, China  
+86 20 8756 8900  
FAX: +86 20 8754 5144

Shanghai, China  
+86 21 61133698  
FAX: +86 21 61133699

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• Canada Patent No. 1024246

Other U.S. and Foreign Patents Pending. We reserve the right to incorporate changes and improvements without notice.

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