
CS410 - Complete UV Curing System

The compact and rugged design of the CS410 makes it the ideal spot curing system used to resolve a number of assembly applications in the electronic, medical device, and telecommunication industry.

After initial trigger pull, the curing light and fan will turn on and a clear audible tone will sound at 10 second intervals in a continuous mode. At the second trigger pull, the light will turn off and the tones will cease. The fan will turn off after 2 minutes of non use.

The operator is in complete control, as at any time, the curing cycle may be interrupted by simply depressing the trigger switch.

Dependable & Versatile

With its lightweight, 10 ounce hand-piece, and 360 degree swiveling light guide, the CS410 will help resolve the most complex, geometrically challenged application. The unit is supplied with an 8 mm curved-tip light guide, however accessory light-guides of 3 mm and 13 mm tips are available to accommodate a wide variety of applications. Lamp life is typically greater than 100,000 twenty second exposure cycles, should bulb replacement be necessary, it can easily be accomplished with the removal of two screws.

Light Guide Interchangeability

The light guides are manufactured of high efficiency image grade fused glass. These interchangeable light channeling devices are available in diameters of a 3 mm curved tip and a 13 mm straight tip as well as the standard included 8 mm curved tip version.

Specifications

Power Input:	100/120, 220/240 volts 50/60 Hz
Lamp Input:	75 watts
Lamp UV Output:	90 mW/cm ² @365 nm
Lamp Life:	800-1000 hrs
Dimensions:	10.0" W x 5.5" H x 9.5" L
Weight:	5lb 10oz.

Regulatory Approvals include CE and CUS.

Ordering Information

CS410	100/120 V, 60 Hz
CS410-EC	220/230/240 V, 50 Hz

The complete standard system includes: (1) handheld UV light gun with power supply, (1) AC power cord, (1) 8 mm curved tip light guide, (1) UV protective shield, (1) UV protective glasses, (1) CS410B replacement UV lamp, and (1) instruction manual.

Accessories

CS300	UV Protective Glasses
CS410B	UV Halogen replacement 75 W lamp
CS420	3mm x 70mm Curved tip light guide
CS421	13mm x 38mm Straight tip light guide

Contact Thorlabs' technical support department for additional options and accessories.

