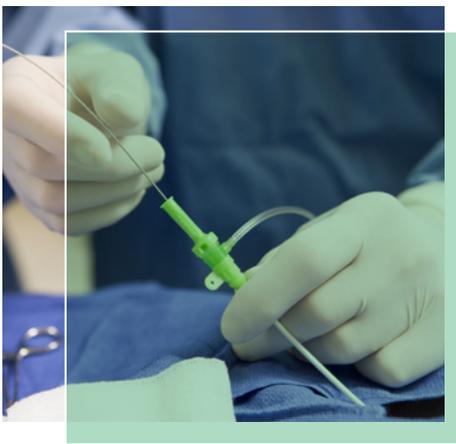




Hanarey

Product Guide

Hanarey specializes in developing, manufacturing, and marketing advanced UV and LED curable adhesives, coatings, and light-curing equipment for the China market.



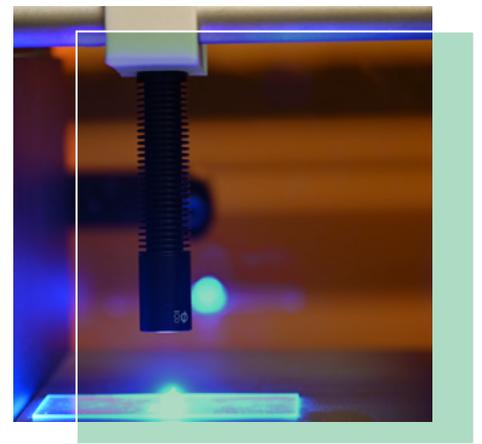
Adhesives for Medical Device Assembly

To have closer cooperation with Chinese customers and deliver rapid speed to market, Hanarey set up a manufacturing facility in Shanghai in 2019. The 8,000 sqm facility was put into production in 2020.

In addition to producing standard adhesive products and light-curing equipment, Hanarey's Shanghai factory houses an R&D department that supports close communication with customers. This allows them to understand customer needs and quickly develop the most suitable assembly, dispensing, and curing system solutions.



Adhesives for Electronics and Industrial Assembly



Light-Curing Equipment

Key applications of adhesive products include:

- Camera module assembly
- Conformal coating
- Edgebond
- Optical display lamination
- ITO overcoating
- RFID tag bonding
- Needle bonding
- Respiratory mask assembly
- Catheter bonding
- Tube assembly

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IV. Light-curing Equipment

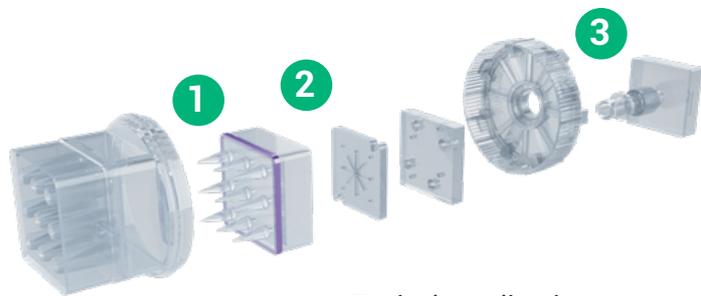
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Adhesive for Medical Device Assembly

Hanarey adhesives offer cost-effective solutions for medical device manufacturers. UV adhesives cure in seconds under UV/visible light, while epoxy adhesives cure with heat, ensuring strong bonds, chemical resistance, and long-term reliability. Designed to meet strict medical standards, they ensure biocompatibility and are ideal for precise device assembly.

These adhesives bond similar or dissimilar substrates, improve assembly speed, boost output, and are compatible with gamma, EtO, and electron beam sterilization.

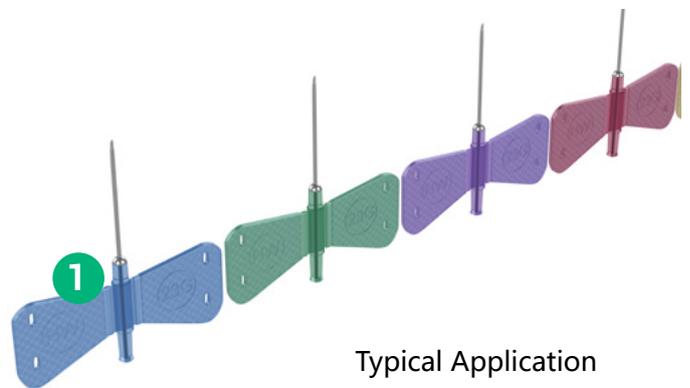
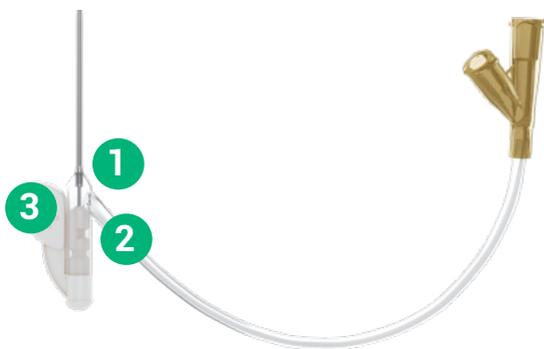
Assembly of Injection 9-Pin Needles



Typical Application

1. hub and needle bonding
2. hub and baffle bonding
3. bonding of baffle and tail potting

Needle Bonding



Typical Application

1. needle and hub bonding
2. tube and hub bonding
3. wind and hub bonding

Product Recommendation

Part Number	Features / Applications	Viscosity, cP	Hardness	Tensile at Break, psi	Elongation at Break, %
CSA4445	<ul style="list-style-type: none"> Needle & syringe bonding Low viscosity, transparent liquid, cure at a rapid speed Excellent adhesion to a wide variety of substrates including glass, most plastics, and metals 	120	D75	2,785	46
CSA4535	<ul style="list-style-type: none"> Needle & syringe bonding High viscosity with a thixotropic nature to reduce the migration of liquid product after application Excellent adhesion to a wide variety of substrates including glass, most plastics, and metals 	9,000	D55	2,118	132
CSA4545-1	<ul style="list-style-type: none"> General bonding applications of medical devices 	100	D75	2,538	149
CSA4545-3	<ul style="list-style-type: none"> No fluorescing 	300	D65	2,596	180
CSA4545-7	<ul style="list-style-type: none"> Suitable for applications that require fast cure, flexibility, high adhesion, and autoclave resistance 	700	D65	2,161	176
CSA5185	<ul style="list-style-type: none"> General bonding applications of medical devices Low-viscosity UV-curable adhesive Designed for bonding TPUs, plasticized PVC, SS, etc. where large gap-filling capabilities and flexible joints are desired 	430	D75	2,511	26
CSA5187	<ul style="list-style-type: none"> General bonding applications of medical devices Low viscosity, cure at a rapid speed, high flexibility Designed for bonding TPUs, plasticized PVC, thermoset rubbers, where large gap-filling capabilities and flexible joints are desired 	190	D65	2,116	221
CSA5728	<ul style="list-style-type: none"> Needle & syringe bonding Exhibits high transparency after cure Can be used for bonding and potting medical devices with high aesthetic requirements 	2,000	D78	2,175	81
CSA5918	<ul style="list-style-type: none"> General bonding applications of medical devices Medium viscosity, UV cure at a rapid speed 	4,700	D77	4,351	149
CSA5919	<ul style="list-style-type: none"> Excellent adhesion to a wide variety of substrates including glass, most plastics, and metals 	11,000	D75	4,786	190
CSA5921	<ul style="list-style-type: none"> Tube assembly Low-viscosity UV-curable adhesive Suitable for bonding PC, PVC, TPU, SS, and other substrates 	130	D80	3,336	96
CSA5924	<ul style="list-style-type: none"> Needle & syringe bonding Exhibits high transparency after cure Can be used for bonding and potting medical devices with high aesthetic requirements 	800	D77	2,277	1.5
CSA5933	<ul style="list-style-type: none"> Airway management device assembly Medium viscosity, 365nm cure in seconds Designed for bonding materials such as PC, PVC and SS where large gap-filling capacity and high transparency are required 	300	D80	5,802	8.1
CSA6250	<ul style="list-style-type: none"> General bonding applications of medical devices One-component heat-curable epoxy adhesive with low-temperature curing Excellent adhesion to opaque glass, plastics, and metals 	83,000	D87	4,931	3.7

Adhesives for Electronics and Industrial Assembly

Hanarey offers a range of light-curable and epoxy adhesives suited for circuit protection, electronic assembly, and industrial assembly applications. These products incorporate innovative and patented technologies to address challenges such as curing in shadowed areas and ensuring detectability. They provide excellent electrical insulation, making them ideal for various applications including conformal coatings, component encapsulation, and structural bonding.

These adhesives comply with the latest national solvent content standards and are single-component, requiring no mixing before application.

Smart Phone Assembly



- For smartphone bonding, potting and circuit protection
- Excellent moisture/corrosion resistance & stress absorption
- UV & thermosetting epoxy adhesives available

Typical Application

- | | |
|-----------------------|---------------------------|
| 1. Display lamination | 2. camera module assembly |
| 3. FPC bonding | 4. PCB conformal coating |
| 5. Encapsulation | 6. Structural bonding |

Camera Module Assembly

- For camera module assembly in smart connected devices, automotive, security & industrial camera systems
- Excellent adhesion to various plastics and metals
- Resistant to humidity, high temperature and mechanical impact

Typical Application

1. Lens and barrel bonding
2. Lens bonding
3. Holder and PCB assembly (Active Alignment)
4. FPC reinforcement

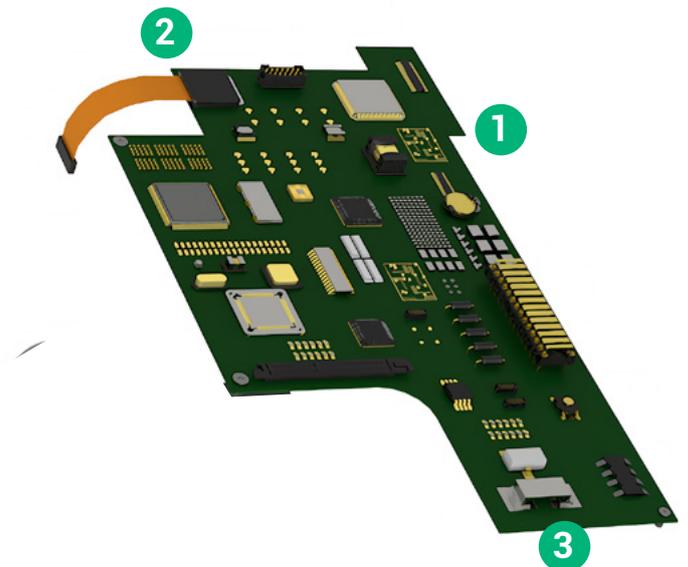


PCB Assembly

- For PCB assembly in smart terminals, automotive electronics, industrial control & medical devices
- Excellent adhesion to PCB, plastics & metals; UV/thermal curing compatible
- Moisture-heat/impact resistance, low CTE
RoHS/REACH compliant

Typical Application

1. Conformal coating
2. Rigidization
3. Encapsulation



Product Recommendation

Part Number	Features / Applications	Viscosity, cP	Hardness	Tensile at Break, psi	Elongation at Break, %
Conformal Coating					
CSE9715-C	<ul style="list-style-type: none"> • UV and moisture curable conformal coating • Curable with various UV lamps • Suitable for a wide range of spraying and automated coating processes • Excellent moisture resistance and chemical resistance 	100	A63	636	63
CSE9716-C		700	A78	2,181	10
CSE9718-C		280	D53	1,969	3.9
CSE9568		100	D62	2,364	2
CSE9788-H		500	D58	1,472	2.7
Encapsulation and Structural Bonding Adhesive					
CSE4340	<ul style="list-style-type: none"> • Excellent adhesion to glass, various plastics, and most metals • Good flexibility with enhanced the load bearing and shock absorbing characteristics of the bond area • Fast curing 	50,000	D62	2,370	157
CSE4525-R	<ul style="list-style-type: none"> • Bright red appearance for easy visual inspection • Excellent adhesion to glass, various plastics, and most metals • Cure at a rapid speed with exposure to UV 	20,000	D67	4,163	163
CSE4539	<ul style="list-style-type: none"> • UV and moisture cure • Excellent moisture resistance and chemical resistance • Fast curing 	22,000	D61	4,047	7.9
CSG4553	<ul style="list-style-type: none"> • Medium viscosity with rapid UV curing • Excellent adhesion to glass, various plastics, and most metals 	11,000	D75	4,786	190
CSG4573	<ul style="list-style-type: none"> • Medium viscosity with rapid UV curing • Excellent adhesion to glass, various plastics, and most metals 	4,700	D77	4,351	149
CSG4573-F	<ul style="list-style-type: none"> • Blue fluorescence • Excellent adhesion to glass, various plastics, and most metals 	4,500	D70	3,336	161
CSG4937	<ul style="list-style-type: none"> • Transparent liquid with medium viscosity and high thixotropy • Excellent adhesion to glass, various plastics, and most metals • High elongation with good shock absorption properties 	4,600	D58	1,265	186

Part Number	Features / Applications	Viscosity, cP	Hardness	Tensile at Break, psi	Elongation at Break, %
Display Lamination Adhesive					
CSE4552-G	<ul style="list-style-type: none"> • Suitable for assembling LCD panels, ITO coating protection in mobile devices, tablets, and displays • Rapid curing with UV or 365nm LED • Outstanding moisture and corrosion resistance 	680	D50	1,278	179
CSE4558	<ul style="list-style-type: none"> • Ideal for assembly and reinforcement of LCD panels in mobile devices, tablets, and displays • Rapidly cures under 365nm LED light • Stress absorption to prevent cracking 	1,544	D40	1,379	58.1
CSE9944	<ul style="list-style-type: none"> • Liquid Optical Clear Adhesive (LOCA) • Designed for glass cover lens bonding to touch panel sensors, as well as touch panel assembly to LCD modules in mobile devices, tablets, and displays • Rapid curing with UV, 365/ 405 nm LED light 	2,700	0011	9	222
Epoxy Adhesive					
CSE6508	<ul style="list-style-type: none"> • One-component heat-curable epoxy adhesive with low-temperature curing • Excellent adhesion to opaque glass, various plastics, and most metals 	83,000	D87	7,832	2
CSE6587	<ul style="list-style-type: none"> • One-component heat-curable epoxy adhesive • Excellent adhesion to opaque glass, various plastics, and most metals • High glass transition temperature (Tg), low thermal expansion coefficient, and good temperature resistance and impact resistance 	38,000	D89	8,557	1.7
CSE6628	<ul style="list-style-type: none"> • One-component heat-curable epoxy adhesive with low-temperature curing • Excellent adhesion to opaque opaque glass, various plastics, and most metals 	280,000	D90	7,107	1.5
CSE6630	<ul style="list-style-type: none"> • One-component heat-curable epoxy adhesive with low-temperature curing • Excellent adhesion to opaque glass, various plastics, and most metals 	88,000	D88	9,137	2

Light-Curing System

Hanarey provides a diverse range of UV curing equipment compatible with various UV-curable adhesives and coatings, which are widely used in precision assembly of consumer electronics and mass production of medical devices. Our UV/LED conveyor curing, area light source and spot light source systems can be efficiently matched with our adhesive and coating products to achieve stable and uniform curing effects, helping improve production line quality and efficiency.

Spot-Curing System

SC-225 LED Spot-Curing System

Control up to Four LED Heads Independently for Greater Curing Flexibility



The SC-225 is the next step in high-performance LED spot curing units. This small, versatile unit offers high intensity, long die life, and great PLC functionality. The system is comprised of a controller with an easy-to-use control interface and up to four LED heads.

The SC-225 is designed for flexible operation, using LEDs installed directly at the end of the head for precision light delivery. The small diameter LED heads can be mounted very close to the piece being cured, covering hard-to-reach portions of complex geometries or providing 360° cures, and providing maximum intensity via the short working distance (focused at 5 mm). With 4 independently operable channels, multiple LED heads can be combined to cover complex parts. Alternately, wavelengths can be mixed to get the best curing properties.

Curing cycles can be activated by screen, foot pedal or PLC interface, allowing the unit to be easily incorporated into automated systems. LED heads are available in 365, 385, and 405 nm and can be used with 3-, 5-, or 8-mm diameter focusing lenses. LED heads and focusing lenses can be used in any combination and can be controlled through the system's constant or variable mode.

In variable mode or through the 4-channel PLC interface, each LED head (up to four) can operate independently of the others. Each can be programmed in 1% increments for specific duty cycles, creating curing profiles with many advantages in a manufacturing or R&D setting. Variable mode gives users maximum curing flexibility and control over their process. Recipe storage for up to 20 programs.

System Features & Benefits

Features	Benefits
Use one controller with up to four LED heads	<ul style="list-style-type: none"> Provides maximum application flexibility
LED heads available in 365, 385, or 405 nm wavelengths	<ul style="list-style-type: none"> Compatible with a variety of UV and visible light-curable materials Wavelengths can be mixed to product optimal cure Units can be custom configured to your curing requirements
Variable mode allows each LED head to be programmed independently	<ul style="list-style-type: none"> Individual exposure times and intensity settings available in 1% increments for each LED head allows for maximum curing flexibility Timer mode from 0.1 to 999 seconds
Interchangeable/Replaceable focusing lenses in 3-, 5-, and 8-mm diameters	<ul style="list-style-type: none"> Allows tailoring of the unit to your curing requirements
Instant on-off	<ul style="list-style-type: none"> No warm-up period More energy efficient
Highly flexible interconnect cables with quick connect for LED heads	<ul style="list-style-type: none"> Can be subjected to frequent movement, with small bend radius Flexible cables are more resilient and pliable than typical lightguides Can be daisy chained up to 10 meters for separated work stations Easy to handle and switch LED heads
Efficient LED-head temperature management	<ul style="list-style-type: none"> Maximized continuous operation without overheating Comfortable hand-held operating temperature; no PPE required Temperature monitoring assures maximum LED life
PLC interface with 4-channel mode	<ul style="list-style-type: none"> Easily incorporated into automated systems
Enhanced full touch screen HMI	<ul style="list-style-type: none"> Easy to use, navigate and program Recipe storage for up to 20 programs

System Specifications

Property	Specification
Output Frequency	365 nm 385 nm 405 nm
Intensity Output*	16.9 W/cm ² 22.9 W/cm ² 22.0 W/cm ²
Power Supply Input	100-240 V ~2 A, 50/60 Hz
LED Timer	0.1 to 999 seconds
LED Activation	Footswitch, front panel, or PLC
Cooling	Natural convection
Dimensions	Controller: 3.7" x 5.5" x 5.8" [93.5 mm x 137.4 mm x 147.5 mm] (W x H x D) LED Head: Φ 0.6" x 2.6" [15.4 mm x 66 mm] (Diameter x L)
Weight	Controller: 2.2 lbs. [1 kg] / Head: 4.6 oz [130 g]
Unit Warranty	1 year from purchase date
Operating Environment	5-40°C [41-104°F], 0-80% relative humidity, non-condensing

* Measured with 3-mm lens using an ACCU-CAL™ 50-LED Radiometer, in spot mode using the SC-225 Integrated Optic Adapter

Ordering Information

A complete SC-225 system features a controller and up to four LED heads/lenses. Each LED head must have a lens in order to operate properly. Components are sold separately.

Units are warranted against defects in material and workmanship for one year from date of purchase.

Part Numbers - Main System Components	
Controller	86623 Controller Kit
LED Head (1 M)	86607 365 nm 86608 385 nm 86609 405 nm
Focusing Lens	81205 3-mm Lens 81206 5-mm Lens 81207 8-mm Lens



Controller

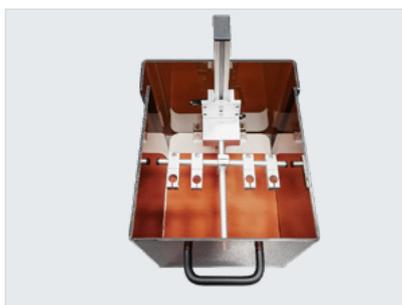


LED Heads



Focusing Lenses
Available in 3, 5, and 8 mm

Spare Parts & Accessories	
AC Power Adapter and Power Cords	84103 AC Power Adapter 84104 China Power Cord
Connection Cable Extensions	84125 1.0 M Extension 84127 2.0 M Extension
Stands	88821 SC-225 Mounting Clamp Kit (including 81016) 88822 Mounting Clamp Extend Rod Kit 81016 3-Sided Acrylic Shield
Footswitch	84124 Footswitch
Angle Adapters	81209 90° Angle Adapter for LED Head



SC-225 Mounting Clamp Kit



Integrated Optic Adapter
Specially designed for use with ACCU-CAL
50-LED Radiometer to test the SC-225



3-Sided Acrylic Shield

Flood-Curing System

FE-225 LED Flood-Curing System

High-Intensity, Large Area System for Speed, Depth, and Fullness of Cure



The FE-225 is a high intensity flood-curing system that delivers true, high-irradiance LED light for high speed, depth, and fullness of cure. For the user who needs to flood cure a large area, this system provides the best cure by combining intensities of over 2 W/cm² with a 5" x 5" (127 mm x 127 mm) curing area and high uniformity.

The FE-225 is comprised of a controller and up to two LED emitters. The controller features a 7" touch screen with an intuitive, easy to use interface. It can be activated, controlled, and remotely monitored by PLC, and also store programs and parameters for repeatable processes. The controller also continuously monitors the health of the emitters and controller, and reports faults directly to the controller screen.

A single controller can operate up to two emitters to save on cost and space. Extra emitters can be used to increase the area of light delivery or to use multiple wavelengths to extend application flexibility. Users will also appreciate the enhanced quality of life provided by our quiet, efficient operation. A variable speed fan keeps noise to a minimum, while also minimizing heat emission.

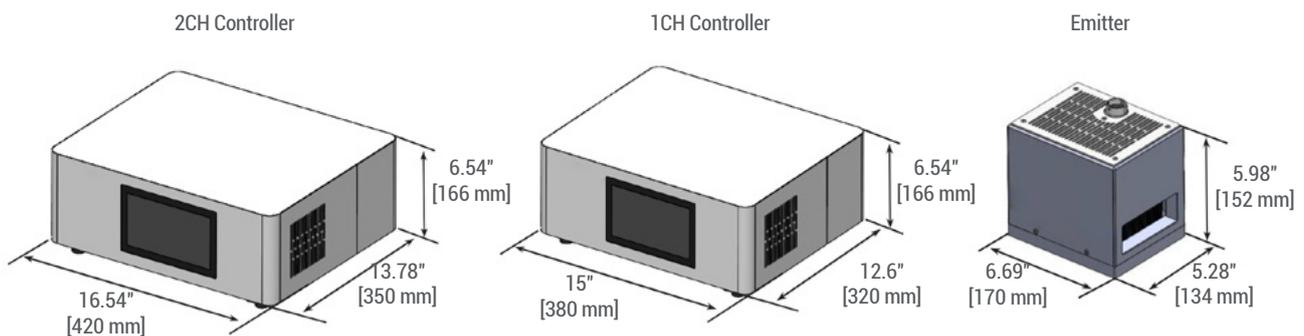
System Features & Benefits

Features	Benefits
High intensity: over 2 W/cm ²	High total irradiance for quick curing
Large 5" x 5" (127 x 127 mm) curing area	Efficiently cure large spaces and pieces
Excellent uniformity	Real 5" x 5" curing area Eliminates dead zones in conveyor applications
One controller operates up to two channels	Provides maximum application flexibility Reduces installation footprint
Emitters are available in 365, 385, or 405 nm wavelengths	Compatible with a variety of UV and visible light-curable materials Wavelengths can be mixed to produce optimal cures
Fully programmable with storage capability	Intensity can be set from 10-100% on each emitter Timer mode from 0.1 to 999 seconds Manual, timed and PLC operation modes Store up to 16 programs
Instant on-off	No warm-up period More energy efficient
PLC interface with multi-channel I/O	Easily incorporated into automated systems Full monitoring and diagnostics
Enhanced 7" touch screen HMI	Easy to use, navigate and program

System Specifications

Property	Specification		
Emitter Output Frequency	365 nm	385 nm	405 nm
Intensity Output	1.7 W/cm ²	2.1 W/cm ²	2.0 W/cm ²
Curing Area	5" x 5" (127 mm x 127 mm)		
Power Requirements	100-240 V ≈ 10 Amps, 50-60 Hz		
Cooling	Air cooled		
Dimensions (W x H X L)	1-CH Controller: 15" x 12.6" x 5.8" (380 mm x 320 mm x 165 mm) 2-CH Controller: 16.5" x 13.8" x 5.8" (420 mm x 350 mm x 165 mm) Emitter: 6.7" x 5.3" x 6.4" (170 mm x 134mm x 162 mm)		
Weight	1-CH Controller: 28.2 lbs. (12.8 kg) 2-CH Controller: 43.7 lbs. (19.8 kg) Emitter: 8.8 lbs. (4 kg)		
Unit Warranty	1 year from purchase date		
Operating Environment	10 to 40°C (50°F to 104°F) 0-80% relative humidity, non-condensing 2000-meter max. altitude		
Shipping and Storage Conditions	Temperature: -20°C to +50°C Humidity 10-80% RH, non-condensing Ship via standard ground, ocean or air freight		

FE-225 Dimensions



Ordering Information

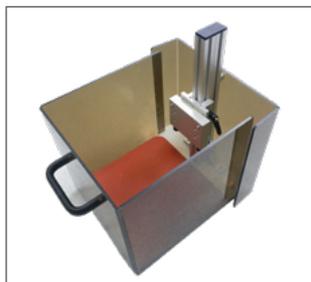
A complete FE-225 system features multiple options for configuring a complete system. The controller is available in 1- and 2-channel variants. The emitter is available in 365, 385, and 405 nm wavelengths. Accessories noted in this bulletin can be added for specific applications. The units are warranted against defects in material and workmanship for one year from the date of purchase.

	Part Number
Controllers	
1 Channel Controller	86615
2 Channel Controller	86614
Emitters	
365 nm	86611
385 nm	86612
405 nm	86613
Accessories	
Interconnect Cables (2 m)	84311 Type I & L
Light Shield (360° shielding. Swing-up door and slide-out shelf.)	88845
3-Sided Acrylic Shield	81016
Mounting Stand with Acrylic Back Shield (Includes mounting carriage PN 60036)	88844
ACCU-CAL 50-LED Radiometer Kit Note: The intensity of the FE-225 can be measured using flood-lamp intensity mode for initial process and operational setup.	40505

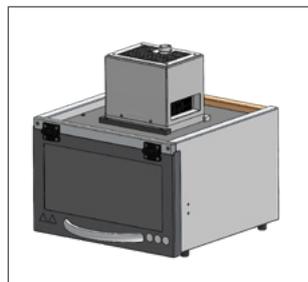
*For European customers, the appropriate power cord will be added.



3-Sided Acrylic Shield PN 81016



Mounting Stand PN 88844



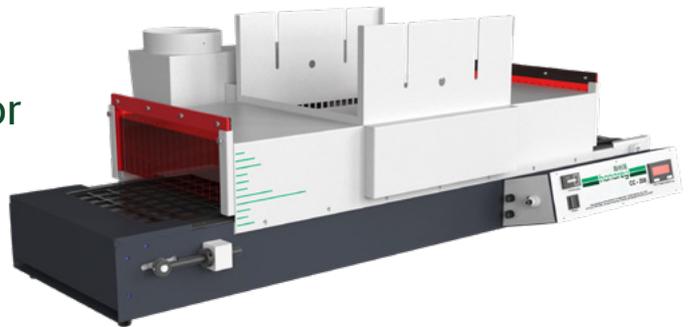
Light Shield PN 88845
(Shown with Emitter)



Connection Cables
(Type I & L)

CC-200 UV Light-Curing Conveyor

30-cm Conveyor System with Multiple Lamp and Part Clearance Options



- Complete UV shielding
- Built-in exhaust fan and stack
- Controlled and consistent cure times
- Integral vacuum hold-down and cooling system
- Accepts parts up to 30 cm x 91 cm
- Accurate digital belt control and readout
- 10, 15 or 25 cm vertical clearance available
- Adjustable lamp-to-belt distance
- 30 cm belt width (guides available to channel parts into center 15 cm)
- Bench-top conveyor (with optional transportation carrying cart)

The CC-200 conveyor is designed for curing UV light-curable adhesives, resins, inks, and coatings. These 30 cm-wide conveyors can be outfitted with up to two FE-225 emitters, four 5000-EC almps or up to two 15-centimeter microwave lamps. They offer complete shielding from UV light and ensure consistent cure times. The lamp options allow for matching intensity requirements to minimize operating costs. Standard height clearance is 10 cm; optional risers increase clearance to either 15 or 25 cm.

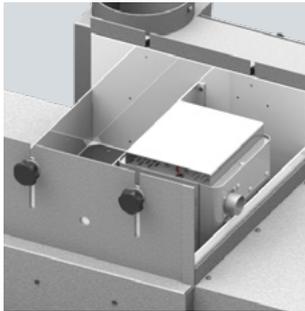
Choosing the Right Lamp(s)

CC-200 conveyors can be equipped with FE-225 emitters, 5000-EC lamps or F300 lamps.

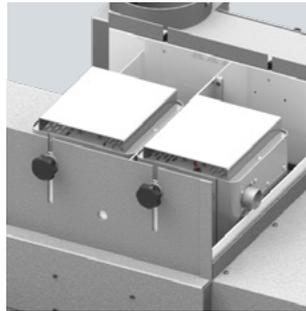
5000-EC Lamps

These lamps provide moderate intensity ($\sim 200 \text{ mW/cm}^2$) over a 6" x 6" (approximate) curing area. Their 400-Watt auto-switching power supplies accept 90 to 264 Volts AC and 47 to 63 Hz. With normal use, 5000-EC bulbs will retain approximately 90% of their original intensity after 1,000 hours. 5000-EC lamps are recommended for small-to-medium throughput bonding applications. For faster or more tack-free cures, F300 lamps are recommended.

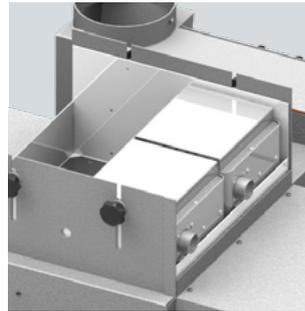
CC-200 conveyors can be equipped with one, two, or four 5000-EC lamps as shown in the diagrams below.



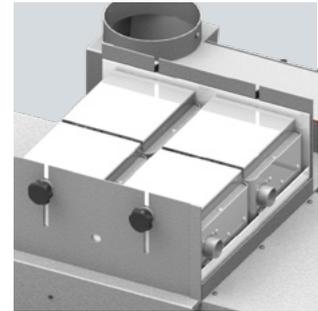
One 5000-EC lamp
center mounted
6" wide single exposure



Two 5000-EC lamps
center mounted
6" wide double exposure



Two 5000-EC lamps
full-width mounted
12" wide single exposure

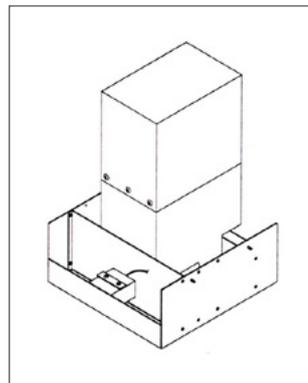


Four 5000-EC lamps
full-width mounted
12" wide double exposure

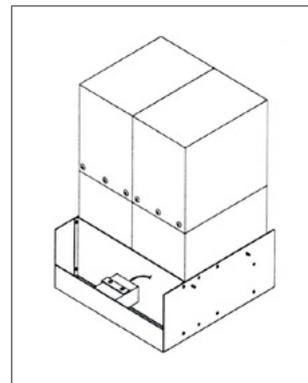
F300 Lamps

These lamps provide the highest intensity ($\sim 2,500 \text{ mW/cm}^2$) over a 1" x 6" curing area. F300 lamps require 220/230 Volts AC. With normal use, F300 lamps retain 80% of their intensity up to 5000 hours. F300 lamps are recommended for most coating, potting, and gasketing applications and all high throughput applications.

CC-200 conveyors can be equipped with one or two F300 lamps as shown in the diagrams below.



One center-mounted F300
6" wide single exposure

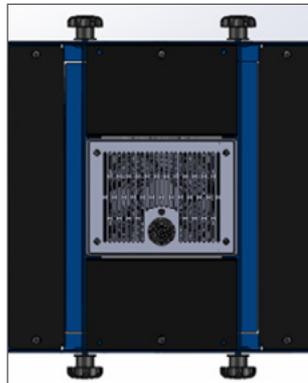


Two full-width mounted
F300s
2" wide single exposure

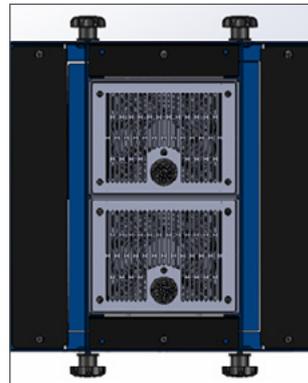
FE-225 Emitters

These emitters provide the highest intensity (~2,000 mW/cm²) over a 5" x 5" curing area. FE-225 emitter require 100-240 Volts AC. FE-225 emitters are recommended for most coating, potting, and gasketing applications and all high throughput applications.

CC-200 conveyors can be equipped with one or two FE-225 emitters as shown in the diagrams below.



One center-mounted FE-225
5" wide single exposure



Two center-mounted
FE-225s
5" wide double exposure

Specifications

Replacement Parts & Accessories		
Accessories		
Risers Kit 2" *	Pair	39218
Risers Kit 6" *	Pair	39280
Guides for 6" Curing	1	39277
Transportation Cart	1	39215
ACCU-CAL™ 160 Radiometer	1	41590
Replacement Parts		
Acrylic Tunnel Shield	1	39205
Tunnel Light Curtain	1	39207
Replacement Belt	1	39134

*Available on new conveyors only and installed at the factory.

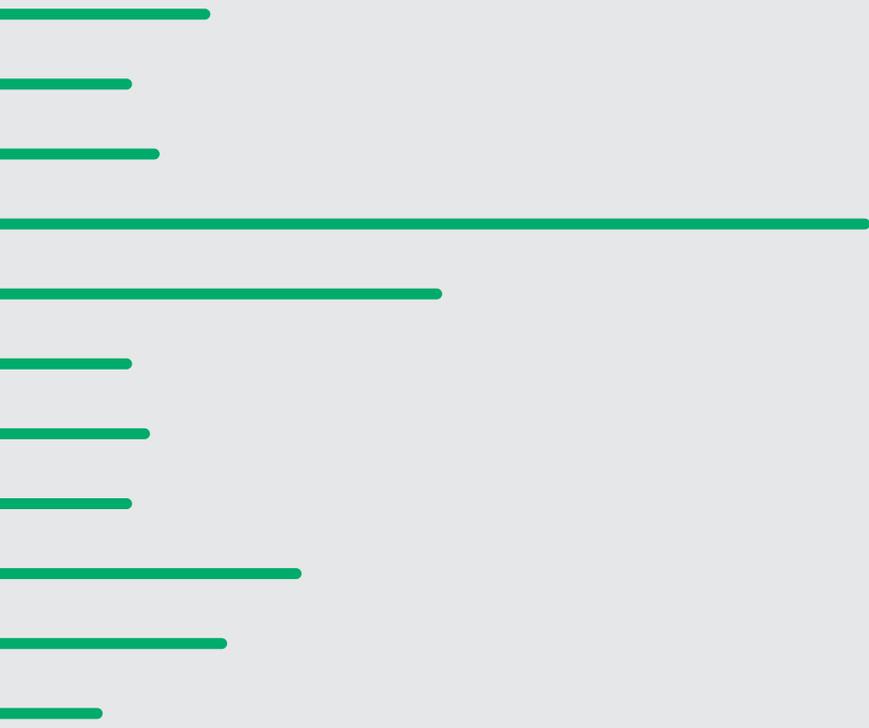
	5000-EC Lamps				F300 Lamps		FE-225 Emitters		
	5000-EC MODULAR (SILVER)				FUSION F-300 D	FUSION F-300 H	FE-225-E 365 nm	FE-225-E 385 nm	FE-225-E 405 nm
Base Conveyor Part Number	86101				86102		86101 / 86102		
Cradle Kit Part Number	86105				86106		86107		
Lamp Part Number	38100				36402-C	43441-C	86611	86612	86613
Amperage	2A				15A		7A		
Belt Width	30 cm				30 cm		30 cm		
Number of Lamps	1 *	2 *	2	4	1 or 2		1 or 2	1 or 2	1 or 2
Lamp Orientation CM = Center Mounted FW = Full Width	CM		FW		CM	FW	CM		
Width of Illuminated Area	15 cm		30 cm		15 cm	30 cm	12.7 / 25.4 cm		
Maximum UVA Intensity (320-390 nm), mW/cm ²	200				2,500		1,700	2,100	2,700
Shipping Weight with Crates (lbs. [kg])	390 [177]	410 [186]		450 [204]	475 [216]	580 [263]	N/A		
Belt Speeds (feet per minute)	1-32 fpm				1-32 fpm		1-32 fpm		
Voltage (VAC)	220V				220V		100-240V		
Conveyor Dimensions (L x H x W)	150 cm x 100 cm x 89 cm								
Replacement Bulbs									
Metal Halide (Standard) 38560	✓	✓	✓	✓					
Mercury 36970 **	✓	✓	✓	✓					
"D" Bulb (Standard) 36399					✓				
"H" Bulb 36441 **						✓			

* These conveyors have center-mounted lamps and are supplied with removable guides to channel parts into middle 15 cm of conveyor.

** These bulbs are primarily designed for curing UV inks and cationic epoxies.

Configuring a CC-200 conveyor to meet your needs.

1. Choose the part number for the base conveyor and cradle kit configuration.
2. Select matching emitters and lamps based on the number of heads and the wavelength for the application.



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