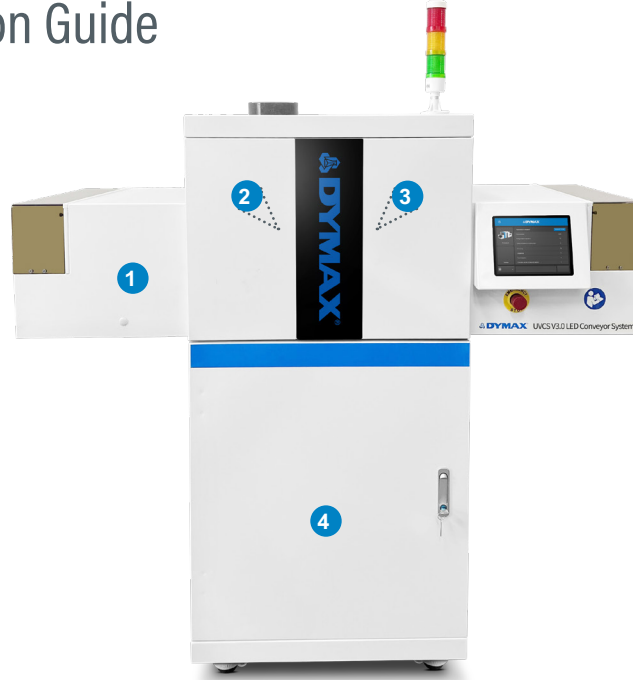


UVCS V3.0 LED Conveyor

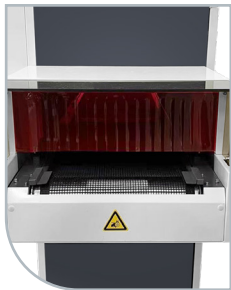
System Configuration Guide



1 Base Conveyor

Select a belt or edge-carry base conveyor. A regional power cord is provided with this selection.

Belt



Edge-Carry



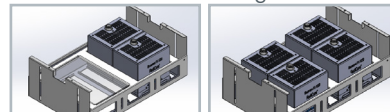
2 Emitter Cradle

Select a horizontal (H-Cradle) or vertical (V-Cradle) cradle configuration. The selected cradle ships pre-installed.

Horizontal / H-Cradle Configuration



Vertical / V-Cradle Configuration



3 BlueWave® FX-1250 System

The UVCS V3.0 LED conveyor requires the use of BlueWave FX-1250 LED flood-curing systems, consisting of at least one controller, emitter, interconnect cable, and power cord. Sold separately from the base conveyor.



Controller



Emitter



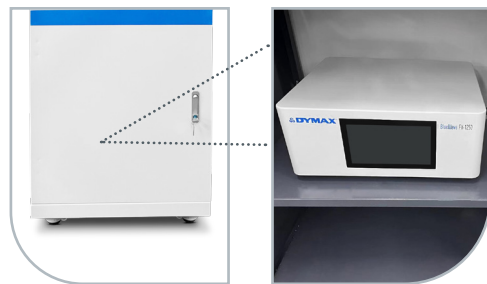
Interconnect Cable



Power Cord

4 Cabinet

The optional cabinet provides added height and storage for the base conveyor.



Minimum system requirements: **1** **2** **3**

UVCS V3.0 LED Complete System

The following describes the selections needed to be made for a complete UVCS V3.0 LED conveyor system.

Base Conveyor Configuration (Kit)

The UVCS V3.0 LED base conveyor is offered in a kit that includes the base conveyor (belt or edge-carry version), an emitter cradle, and a regional power cord.

Carrying Method

Choose a base conveyor with a preferred carrying method: belt or edge. A regional power cord is provided with this selection.



Belt

The belt version is suitable for transporting parts in most curing applications.



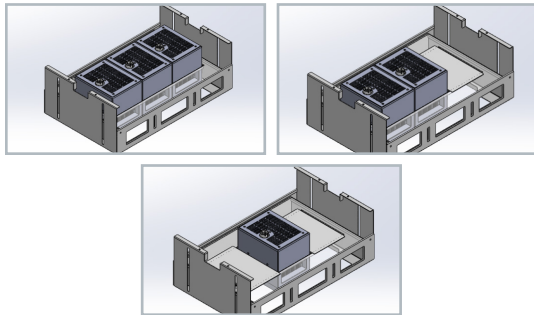
Edge-Carry

The edge-carry version transports parts along rails, allowing UV light to reach multiple sides at once.

Emitter Cradle

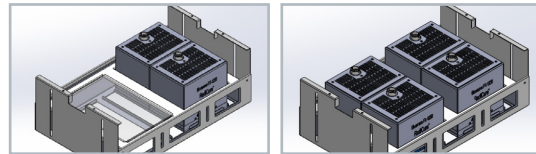
Select the preferred emitter cradle configuration. Cradles are used to mount the BlueWave® FX-120 LED emitters (sold separately) and are available in horizontal or vertical configurations to accommodate different emitter arrangements. The chosen emitter cradle will ship pre-installed inside the base conveyor.

Horizontal / H-Cradle Configuration



The H-Cradle can support up to 3 emitters

Vertical / V-Cradle Configuration



The V-Cradle can support up to 4 emitters

Choose the part number that includes the selections made above.

UVCS V3.0 LED Base Conveyor Kit

Belt

- 88880 / UVCS V3.0 Belt 110V NA Kit with Horizontal Cradle
- 88881 / UVCS V3.0 Belt 110V NA Kit with Vertical Cradle
- 88884 / UVCS V3.0 Belt 220V CN Kit with Horizontal Cradle
- 88885 / UVCS V3.0 Belt 220V CN Kit with Vertical Cradle
- 88888 / UVCS V3.0 Belt 220V EU Kit with Horizontal Cradle
- 88889 / UVCS V3.0 Belt 220V EU Kit with Vertical Cradle
- 88896 / UVCS V3.0 Belt 220V UK Kit with Horizontal Cradle
- 88897 / UVCS V3.0 Belt 220V UK Kit with Vertical Cradle

Edge

- 88882 / UVCS V3.0 Edge 110V NA Kit with Horizontal Cradle
- 88883 / UVCS V3.0 Edge 110V NA Kit with Vertical Cradle
- 88886 / UVCS V3.0 Edge 220V CN Kit with Horizontal Cradle
- 88887 / UVCS V3.0 Edge 220V CN Kit with Vertical Cradle
- 88890 / UVCS V3.0 Edge 220V EU Kit with Horizontal Cradle
- 88891 / UVCS V3.0 Edge 220V EU Kit with Vertical Cradle
- 88898 / UVCS V3.0 Edge 220V UK Kit with Horizontal Cradle
- 88899 / UVCS V3.0 Edge 220V UK Kit with Vertical Cradle

BlueWave® FX-1250 System

The UVCS V3.0 LED conveyor requires the use of BlueWave FX-1250 LED flood-curing systems, consisting of at least one controller, emitter, interconnect cable, and power cord. These components are sold separate from the UVCS V3.0 LED.



Controller



Emitter



Interconnect Cable



Power Cord

Consider the following when choosing BlueWave FX-1250 components to pair with the UVCS V3.0 LED.

- The number of emitters needed for the application.
 - The minimum emitter requirement is one, but to accommodate different curing area sizes the UVCS V3.0 LED can support up to four emitters with the V-Cradle, or up to three emitters with the H-Cradle. The number of emitters needed depends on the user's desired curing area size and cradle selection.
 - If more than two emitters are needed, it is necessary to have two BlueWave FX-1250 controllers (at least one of which should be a 2CH controller).

BlueWave FX-1250 Parts

Controllers (includes regional power cord)

- 88846 / BlueWave FX-1250 Controller 1CH, NA
- 88847 / BlueWave FX-1250 Controller 2CH, NA
- 88850 / BlueWave FX-1250 Controller 1CH, EU
- 88851 / BlueWave FX-1250 Controller 2CH, EU
- 88805 / BlueWave FX-1250 Controller 1CH, Asia
- 88804 / BlueWave FX-1250 Controller 2CH, Asia

Emitters

- 88801 / BlueWave FX-1250 Emitter, RediCure®
- 88802 / BlueWave FX-1250 Emitter, PrimeCure®
- 88803 / BlueWave FX-1250 Emitter, VisiCure®

Cables

- 84026 / Interconnect Cable, Type I & L
- 84025 / Interconnect Cable, Type L & L

BlueWave FX-1250 Complete Systems

(includes 1CH controller, interconnect cable, 1 emitter, foot switch and power cord)

- 88848 / BlueWave FX-1250 System with RediCure® Emitter, NA
- 88849 / BlueWave FX-1250 System with PrimeCure® Emitter, NA
- 88855 / BlueWave FX-1250 System with VisiCure® Emitter, NA
- 88856 / BlueWave FX-1250 System with RediCure® Emitter, EU
- 88857 / BlueWave FX-1250 System with PrimeCure® Emitter, EU
- 88858 / BlueWave FX-1250 System with VisiCure® Emitter, EU
- 88859 / BlueWave FX-1250 System with RediCure® Emitter, Asia
- 88860 / BlueWave FX-1250 System with PrimeCure® Emitter, Asia
- 88861 / BlueWave FX-1250 System with VisiCure® Emitter, Asia

RediCure®	365 nm
PrimeCure®	385 nm
VisiCure®	405 nm

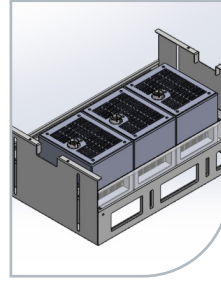
Accessories

Purchasable accessories are available for further enhancement.



Cabinet

The optional cabinet provides added height and storage for the base conveyor.



Emitter Cradle

Cradles are available as standalone accessories for users that need an additional mounting configuration for emitters.

80020 / Cabinet

80021 / Cradle - Vertical Configuration

80022 / Cradle - Horizontal Configuration