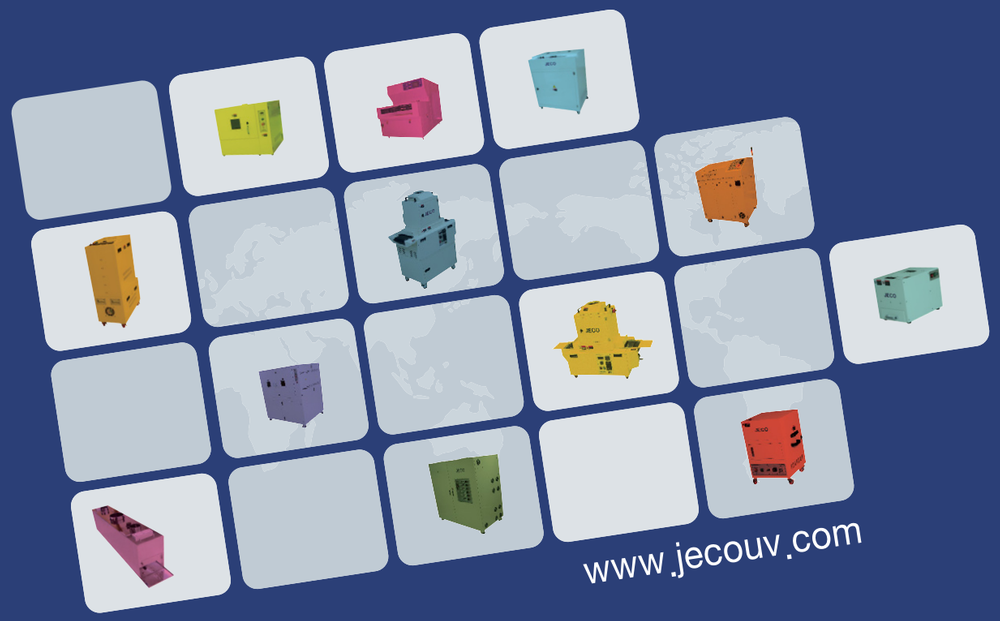
JECO

- Be sure to read the manual for safety before using.
- The specification, outward appearance and dimension are subject to change without prior notice due to the alteration of design.

JECO

UV Total Solutions



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www.jecouv.com
경기도 안양시 동안구 호계동 1029-29
Tel. 031-455-8400 Fax. 031-455-8411
e-mail. jeco@jecouv.com

JUEUN UV TECH CO.,LTD

JECO VISION - THE BEST JOYFULL

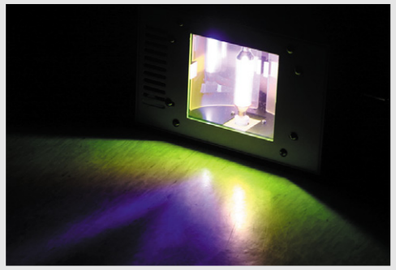
UV기술의 LEADER JECO는

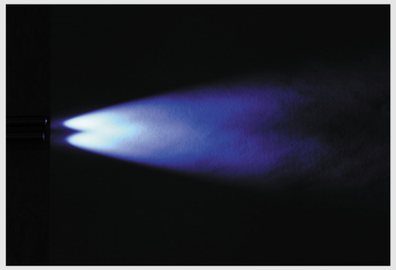
UV의 가능성을 더욱 넓게 열며 친환경적으로
고객에게 최고의 기쁨이 되는 회사로 나아가겠습니다.

주은 UVTECH(주)
대표이사 이 광 석

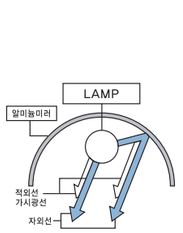
Contents

- UV SYSTEM
- TOUCH PANNEL CURE
- LCD MODULE / WAFER CURE
- FILM CURE / UV COATING
- LARGE SIZE CONVEYOR
- SMALL SIZE CONVEYOR
- IN LINE TYPE
- TEST TYPE
- HOYA LED AREA TYPE
- LED LINE TYPE
- LED POWER SPOT/ SPECIAL TYPE
- HOYA LED DIMENSION
- HOYA LENS
- HOYA SPOT CURE
- UV TESTER
- UV LAMP & DISPENSER
- UV ADHESIVE

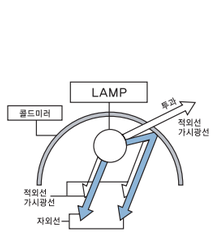




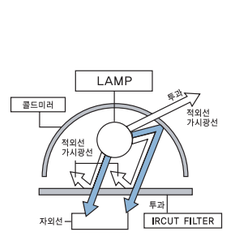
MIRROR 반사판종류, 저온 경화시스템



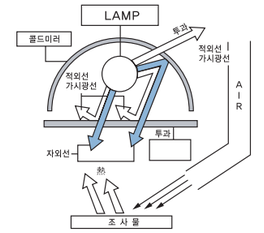
ALUMINUM MIRROR



COLD MIRROR

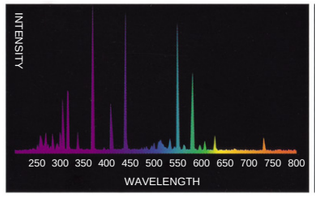


COLD+IRCUT FILTER

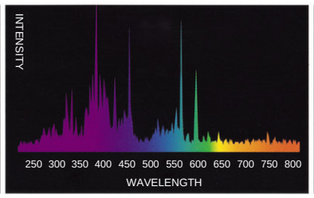


COLD+FILTER+AIR

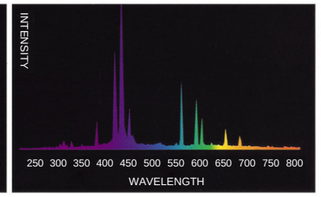
WAVE LENGTH 램프의 파장



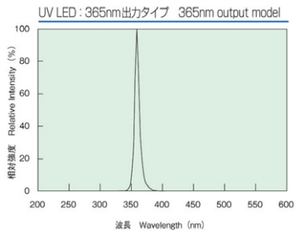
High/Middle Pressure UV Mercury Lamp 수은

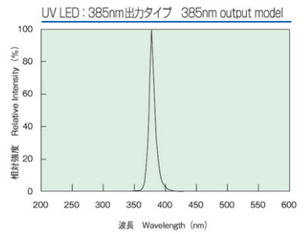


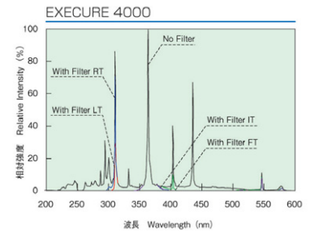
High/Middle Pressure UV Metal(Fe) Lamp 메탈



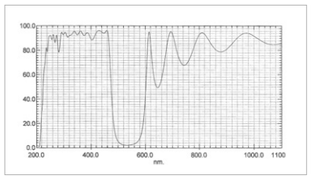
High/Middle Pressure UV Metal(Ga) Lamp 갈륨



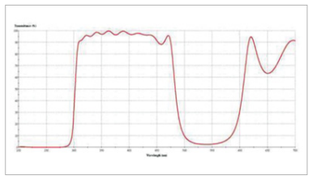




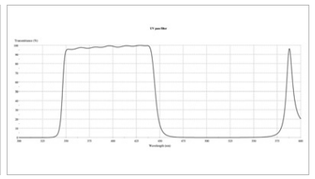
FILTER 필터 종류



FILTER FT TYPE
400~500NM CUT



FILTER LT TYPE
300NM이하 CUT



FILTER RT TYPE
300~400NM만 투과

TOUCH PANNEL CURE

LCD MODULE CURE
OLED용

Model	JHCI-3014C-W
Use	터치스크린의 UV 경화 - 대량생산용
Power	3Kw
Lamp No.	14
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	3Ø, 380V, 50 or 60Hz
Size(WxDxH)	6000(W)×1460(D)×2050(H)
Curing Width	4~10"
Temperature	저온
Reflector	Focusing Cold Mirror
Option	IR Filter, UV Sensor

LCD MODULE
OLED용

Model	JHCI-5012C
Use	터치스크린 UV 경화 - 대량생산용
Power	5Kw
Lamp No.	12
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	3Ø, 220V, 50 or 60Hz
Size(WxDxH)	Main 4900(W)×1460(D)×2200(H) Power 3250(W)×700(D)×2100(H)
Curing Width	8"
Temperature	Under 60℃
Reflector	Focusing Aluminum Mirror
Option	Focusing Cold Mirror, UV Sensor

LCD MODULE SIDE CURE
OLED용

Model	JHCI-306C
Use	터치스크린의 UV 경화 - 대량생산용
Power	3Kw
Lamp No.	6
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	3Ø, 380V, 50 or 60Hz
Size(WxDxH)	2400(W)×840(D)×2200(H)
Curing Width	5"
Temperature	저온
Reflector	Focusing Cold Mirror
Option	IR Filter, UV Sensor

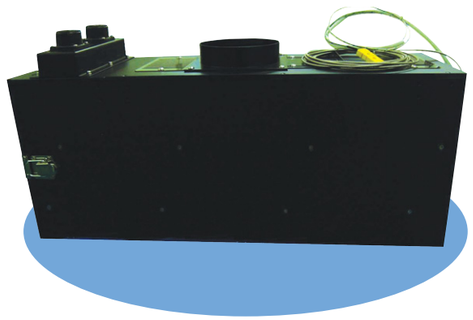
LCD MODULE / WAFER CURE

CURE MODULE FOR LCD,PDP
LCD,PDP용 경화모듈
MODULE TYPE 모듈형

	LCD PANEL 모듈타입 경화기
Model	JHC-801S-SH
Use	*LCD PANEL 모듈생산 및 대형 사이즈에 적합한 경화기 *셔터 장착으로 필요한경우만 UV 조사 가능 *자동화 장비와 연동 가능
Power	8.8Kw
Lamp No.	1 (Lamp 수는 추가 가능)
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	본체:640(W)×340(D)×390(H) 파워:1300(W)×250(D)×430(H)
Curing Width	950㎜
Temperature	Under 60℃
Reflector	Focusing Cold Mirror
Option	IR Filter, UV Sensor

WAFER CURE

Model	JHCI-301B-8IN-LMS
Use	6~8" Wafer용 반자동 경화기
Power	3Kw
Lamp No.	1
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	1080(W)×1125(D)×1145(H)
Curing Width	8"
Temperature	저온
Reflector	Focusing Cold Mirror
Option	Cold Mirror, IR Filter

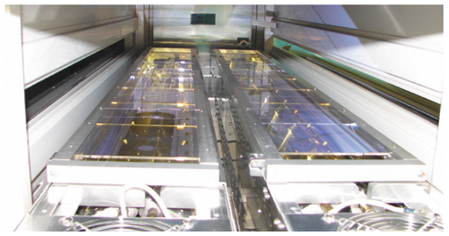


WAFER CURE

Model	JHCI-301S-S
Use	12" Wafer용 경화기 (장비 장착용)
Power	3Kw
Lamp No.	1
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	630(W)×200(D)×310(H)
Curing Width	12"
Temperature	저온
Reflector	Focusing Cold Mirror
Option	Cold Mirror, IR Filter, UV Sensor

FILM UV CURE 광학 필름용 경화기

Model	JHCI-1206S
Use	FILM UV CURE SYSTEM
Power	12Kw
Lamp No.	6
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling, Water Cooling
Power Supply	3Ø, 380V, 50 or 60Hz
Size(WxDxH)	1600(W)×800(D)×800(H)(조사기) ×3ea
	1800(W)×1000(D)×800(H)(control box)
Curing Width	1200㎜
Reflector	Focusing Cold Mirror
Option	IR Filter



· 광학 FILM 생산시 사용
· 고속 생산시 사용가능

· 저온 유지로 제품관리 용이함
· 안정적 품질관리

· LAMP 교환용이함
· 조도 관리시스템(옵션)

FILM UV CURE 광학 필름용 경화기

Model	JHCI-11F-2003H
Use	FILM 및 유리 프린팅 UV경화
Lamp Power	20Kw
Lamp No.	3
Lamp Name	GALLIUM LAMP
Cooling	Air Cooling
Power Supply	3Ø, 440V, 50 or 60Hz
Size(WxDxH)	Main 2770(W)×1400(D)×1890(H)
	Power 1800(W)×950(D)×2000(H)
Curing Width	1800㎜
Temperature	Under 60℃
Reflector	Focusing Cold Mirror
Option	Cold Mirror, IR Filter

UV COATING CURE SYSTEM
도장용 UV 경화장치

Model	JHC-806S
Use	UV 도장용
Power	8.4Kw
Lamp No.	6
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	3Ø, 380V, 50 or 60Hz
Size(WxDxH)	2200(W)×1200(D)×2300(H)
Curing Width	700㎜
Temperature	Under 60℃
Reflector	Focusing Cold Mirror

BOTH SIDE OF PCB CURE SYSTEM
양면 PCB 경화시스템

	PCB 양면 경화기
Model	JHCI-424C
Use	* PCB 양면 동시 경화기, 한번공정으로 양면 작업이 가능하여 작업공정 단축 및 작업 공간 절약 * 롤러 형식으로 PCB 기판의 손상을 최대한 방지 * 램프 교환이 용이
Power	4Kw
Lamp No.	4
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size (W×D×H)	2500(W)×1100(D)×1600(H)
Curing Width	600㎜
Curing Temperature	Under 50℃
Reflector	Focusing Cold Mirror, IR Filter
Option	UV Sensor

LARGE SIZE CONVEYOR TYPE
대형컨베어형

Model	JHCI-403C
Use	전기, 전자부품의 UV 경화-대량생산용
Power	4kw
Lamp No.	3
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	3Ø, 380V, 50 or 60Hz
Size(WxDxH)	800(W)×2400(D)×1150(H)
Curing Width	500㎜
Temperature	저온(Low Temperature)
Reflector	Focusing Cold Mirror
Option	IR Filter, UV Sensor

LOW TEMPERATURE CURE SYSTEM
초저온경화기

Model	JHCI-302C
Use	* PET FILM UV 경화 * 램프높낮이 조절 및 인디게이터 확인가능 * 높은 조사량과 낮은온도 유지
Power	3Kw
Lamp No.	2
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size (W×D×H)	750(W)×1600(D)×1800(H)
Curing Width	30㎜
Temperature	Under 40℃
Reflector	Focusing Cold Mirror
Option	IR FILTER

SMALL SIZE CONVEYOR

IN LINE TYPE

CONVEYOR UV CURE MACHINE
컨베어형 UV 경화기

Model	JHCI-302C-V
Use	PCB UV 잉크 인쇄용
Power	3Kw
Lamp No.	2
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	900(W)×460(D)×1250(H)
Curing Width	300㎜
Temperature	Under 60℃
Reflector	Focusing Cold Mirror
Option	IR FILTER

IN LINE UV CURE MACHINE
인라인형 UV 경화기

Model	JHCI-102S-R3
Power	1Kw
Use	In-Line식 UV 회전형 경화기
Lamp No.	2
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	850(W)×370(D)×550(H)
Curing Width	100㎜
Reflector	Focusing Cold Mirror
Option	IR Filter

CONVEYOR UV CURE MACHINE
컨베어형 UV 경화기

Model	JHCI-151C
Use	범용 소형 콘베어
Power	1.5Kw
Lamp No.	1
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	1160(W)×420(D)×1150(H)
Curing Width	120㎜
Temperature	저온
Reflector	Focusing Cold Mirror
Option	Cold Mirror, IR Filter

IN LINE UV CURE MACHINE
인라인형 UV 경화기

Model	JHCI-102S-V3
Power	1Kw
Use	In-Line UV Cure Conveyer
Lamp No.	2
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	850(W)×370(D)×550(H)
Curing Width	120㎜
Reflector	Focusing Cold Mirror
Option	IR Filter, Conveyer 1500

CONVEYOR UV CURE MACHINE
컨베어형 UV 경화기

Model	JHCI-152C
Use	범용 소형 콘베어
Power	1.5Kw
Lamp No.	2
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	2000(W)×660(D)×1510(H)
Curing Width	180㎜
Temperature	저온
Reflector	Focusing Cold Mirror
Option	Cold Mirror, IR Filter

IN LINE UV CURE MACHINE
인라인형 UV 경화기

Model	JHCI-101S-V2
Power	1Kw
Use	In-Line형 UV 경화기
Lamp No.	1
Lamp Name	Mercury or Metal UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	850(W)×370(D)×550(H)
Curing Width	100㎜
Reflector	Focusing Cold Mirror
Option	IR Filter

TEST UV CURE SLIDE TYPE
시험생산, 연구용 슬라이드형

Model	JHCI-051B
Power	500w
Use	UV Cure M/C for R&D
Lamp No.	1
Lamp Name	Mercury UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	370(W)×385(D)×600(H)
Curing Width	100㎜
Reflector	Focusing Cold Mirror
Option	IR Fiter

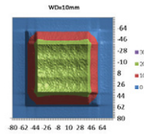
TEST UV CURE SEPARATE TYPE
시험생산, 연구용 분리형

Model	JHCI-051S-V2
Power	500w
Use	UV Cure M/C for R&D
Lamp No.	1
Lamp Name	Mercury UV Lamp
Cooling	Air Cooling
Power Supply	1Ø, 220V, 50 or 60Hz
Size(WxDxH)	150(W)×240(D)×120(H), 200(W)×200(D)×200(H) 200(W)×300(D)×170(H)(Power Supply)
Curing Width	100㎜
Reflector	Focusing Cold Mirror

TEST UV CURE SEPARATE TYPE
시험생산, 연구용 분리형

Model	F300S & F300SQ
Power	300w
Lamp No.	1
Lamp Name	Mercury UV Lamp
Power Supply	1Ø, 200~240V, 50 or 60Hz
Curing Width	53㎜

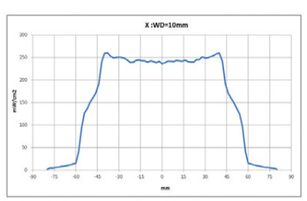
Area Type ① H-20AH4

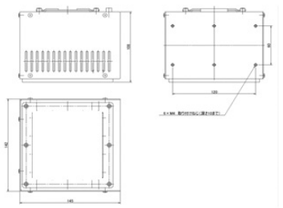


■ Features
- UV-LED of the area type "a wide range of irradiation" is possible.
- A simple construction system "air system" that can be.
- In the area it is "high-power irradiation" of "uniform irradiation" is possible.
- From the equation by replacing existing lamps, and achieve "power saving" and "low cost of ownership."

- [광범위조사]가 가능한 면적형의 UV-LED.
- 심플한 구성이 가능한 [공냉방식].
- 조사면의 [균일조사]나 [고출력조사]가 가능.
- 기존 램프식을 교체하여 [저전력]이나 [저유지비]를 실현.

Model number	① H-20AH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	□80㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	250mW/㎠
Cooling method	Forced Air Cooling
Power controller unit (Power consumption)	H-20VC (400W)
Examples of application	LCD panel bonding
Physical Dimensions(㎜)	142㎜(W)×145㎜(D)×108㎜(H) ※Except protrusion





Area Type H-10AH4

Model number	H-10AH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	10㎜×30㎜ : 2Places
WD(㎜)	10㎜
UV Intensity(mW/㎠)	400mW/㎠
Cooling method	Forced Air Cooling
Power controller unit (Power consumption)	H-10VC (200W)
Examples of application	Bonding TAB / FPC
Physical Dimensions(㎜)	130㎜(W)×130㎜(D)×150㎜(H) ※Except protrusion

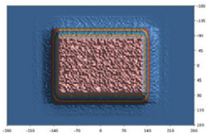
Area Type ②H-20AH4

Model number	② H-20AH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	160㎜×40㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	200mW/㎠
Cooling method	Water Cooling
Power controller unit (Power consumption)	H-20VC (400W)
Examples of application	Bonded earphone speaker
Physical Dimensions(㎜)	200㎜(W)×80㎜(D)×80㎜(H) ※Except protrusion

Area Type H-40AH4

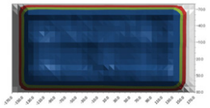
Model number	H-40AH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	□50㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	800mW/㎠
Cooling method	Water Cooling
Power controller unit (Power consumption)	H-40VC (650W)
Examples of application	Adhesion Magnet motor for car
Physical Dimensions(㎜)	200㎜(W)×150㎜(D)×64㎜(H) ※Except protrusion

Area Type H-200AH4



Model number	H-200AH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	230㎜×150㎜ ※Irradiation can be divided
WD(㎜)	10㎜
UV Intensity(mW/㎠)	350mW/㎠
Cooling method	Forced Air Cooling
Power controller unit (Power consumption)	H-100VC × 2(4.0kW)
Examples of application	Bonding tablet
Physical Dimensions(㎜)	410㎜(W)×310㎜(D)×193㎜(H) ※Except protrusion

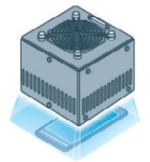
Area Type H-300AH4



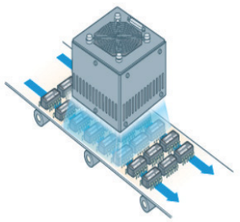
Model number	H-300AH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	250㎜×100㎜ ※Irradiation can be divided
WD(㎜)	10㎜
UV Intensity(mW/㎠)	625mW/㎠
Cooling method	Water Cooling
Power controller unit (Power consumption)	H-300VC (6.0kW)
Examples of application	Conveyor replacement
Physical Dimensions(㎜)	400㎜(W)×300㎜(D)×160㎜(H) ※Except protrusion

Examples of applications

● Area Type : Panel Bonding



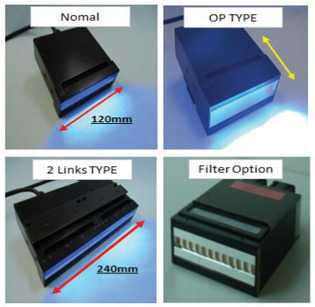
● Area Type : Adhesive resin parts

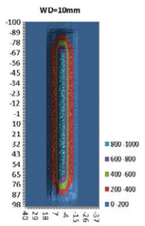


※The above data are typical values, there is no guaranteed value,
※상기의 데이터는 표준적 수치로 보증 수치는 아닙니다.

LED LINE TYPE

Line Type H-12LH4

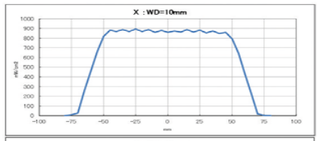


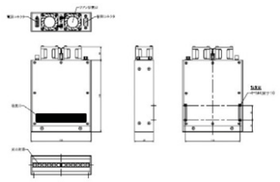


Features

- UV-LED of the line type "long irradiation" is possible.
- A simple construction system "air system" that can be.
- "Extended range" irradiation by X-direction can be consolidated.
- For the high-strength "Mounting the condenser lens" is possible.
- "Wear filter"mist-proof measures possible.

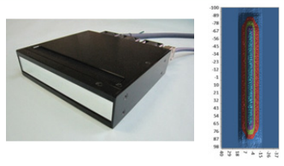
- [장축조사] 가능한 선형 UV-LED.
- 심플한 시스템 구축이 가능한 [공냉방식]
- 연결하여 X방향의 [조사범위연장]이 가능.
- 더욱 고강도로 사용하기 위한 [집광렌즈장착] 가능.
- 미스트대책의 [필터장착]이 가능.





Model number	H-12LH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	100㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	800mW/㎠
Cooling method	Forced Air Cooling
Power controller unit (Power consumption)	H-16VC (600W)
Examples of application	Bonding of the panel and FPC
Physical Dimensions(㎜)	125㎜(W)×40㎜(D)×178㎜(H) ※Except protrusion

Line Type H-16LH4



Model number	H-16LH4-V1
Wave length	365nm (385nm/405nm) 365nm and 385nm MIX
Irradiation area(㎜)	140㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	800mW/㎠
Cooling method	Forced Air Cooling
Power controller unit (Power consumption)	H-16VC (600W)
Examples of application	Sealing liquid crystal panel
Physical Dimensions(㎜)	165㎜(W)×40㎜(D)×178㎜(H) ※Except protrusion

Line Type H-18LH

Model number	H-18LH-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	170㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	400mW/㎠
Cooling method	Forced Air Cooling
Power controller unit (Power consumption)	H-18VC (400W)
Examples of application	Tacking adhesive panle
Physical Dimensions(㎜)	270㎜(W)×45㎜(D)×40㎜(H) ※Except protrusion

Line Type H-3MLH10

Model number	H-3MLH10-V5
Wave length	420nm (3652nm/385nm/405nm)
Irradiation area(㎜)	140㎜×10㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	260mW/㎠
Cooling method	Air Cooling
Power controller unit (Power consumption)	H-20VC (400W)
Examples of application	Adhesion camera module
Physical Dimensions(㎜)	200㎜(W)×50㎜(D)×100㎜(H) ※Except protrusion

Line Type H-20WLH4

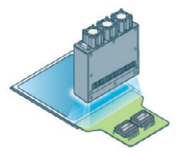
Model number	H-20WLH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	70㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	1400mW/㎠
Cooling method	Water Cooling
Power controller unit (Power consumption)	H-20VC (400W)
Examples of application	Replacement conveyor
Physical Dimensions(㎜)	86㎜(W)×40㎜(D)×60㎜(H) ※Except protrusion

Line Type H-40LH4

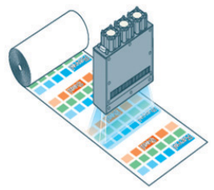
Model number	H-40LH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	280㎜×6㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	1000mW/㎠
Cooling method	Water Cooling
Power controller unit (Power consumption)	H-40VC (650W)
Examples of application	Prevent Leakage of the adhesive panel
Physical Dimensions(㎜)	336㎜(W)×20㎜(D)×60㎜(H) ※Except protrusion

Examples of applications

● Line Type : Bonding of the panel and FPC



● Line Type : Adhesive Seal and Film



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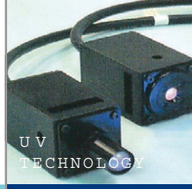
LED POWER SPOT/ SPECIAL TYPE

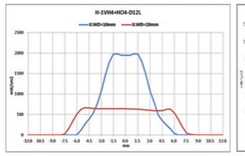


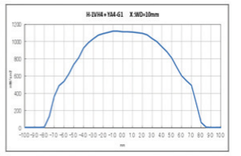
High Power Spot H-1VH4+HO4-D12L / H-1VH4+YA4-G1

Features

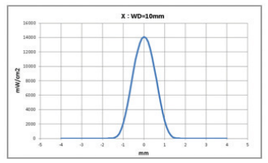
- [고강도 스팟], [횡장 스팟], [대면적]이 조사가능한 UV-LED.
- 심플한 시스템 구축이 가능한 [강제공냉식(팬내장)].
- 콘트롤은 컴팩트한 [H-1VC Ⅱ]로 제어가능.

Model number	H-1VH4-V1+HO4-D12L	H-1VH4-V1+YA4-G1
Wave length	365nm (385nm/405nm)	365nm (385nm/405nm)
Irradiation area(㎜)	Ø 12㎜	Ø 13㎜
WD(㎜)	20㎜	10㎜
UV Intensity(mW/㎠)	600mW/㎠	900mW/㎠
Cooling method	Forced Air Cooling	Forced Air Cooling
Power controller unit (Power consumption)	H-1VC Ⅱ (DC24V)	H-1VC Ⅱ (DC24V)
Examples of application	Bonded catheter	Bonded magnet buzzer
Physical Dimensions(㎜)	84.1㎜(H)×Ø14㎜ ※The head portion	60㎜(H)×□35㎜ ※The head portion



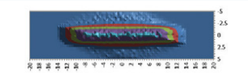


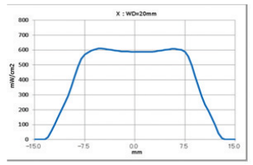
Spot Type H-1VH-01P



Model number	H-1VH-01-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	Ø 1.5㎜
WD(㎜)	10㎜
UV Intensity(mW/㎠)	1400mW/㎠
Cooling method	Air Cooling
Power controller unit	H-1VC Ⅱ (DC24V))
Examples of application	Drilling thin film
Physical Dimensions(㎜)	60.4㎜(H)×Ø12㎜ ※The head portion

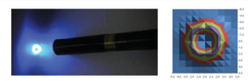
Spot Type H-1VH-04

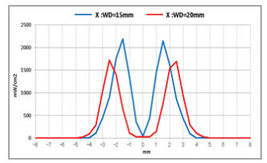




Model number	H-1VH-04-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	14㎜×3㎜
WD(㎜)	20㎜
UV Intensity(mW/㎠)	500mW/㎠
Cooling method	Air Cooling
Power controller unit	H-1VC Ⅱ (DC24V))
Examples of application	Curing substrate edge LCD panel
Physical Dimensions(㎜)	49.4㎜(H)×Ø12㎜ ※The head portion

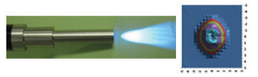
Spot Type H-1VH-D5R

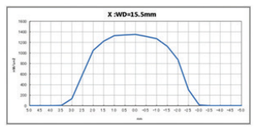




Model number	H-1VH-D5R-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	Ø4.5㎜~5.0㎜
WD(㎜)	20㎜
UV Intensity(mW/㎠)	1400mW/㎠
Cooling method	Air Cooling
Power controller unit	H-1VC Ⅱ (DC24V))
Examples of application	Adhesion surrounding the camera lens
Physical Dimensions(㎜)	70.5㎜(H)×Ø12㎜ ※The head portion

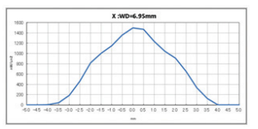
Lens Unit HDL-D6D9L40





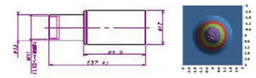
Model number	HDL-D6D9L40
Wave length	– (For H-1VH)
Irradiation area(㎜)	Ø5㎜
WD(㎜)	15.5㎜
UV Intensity(mW/㎠)	1250mW/㎠
Cooling method	(Lens Only)
Examples of application	Pinpoint irradiation narrow space
Physical Dimensions(㎜)	68.5㎜(H)×Ø6㎜

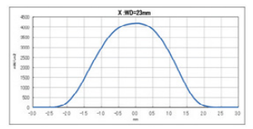
Lens Unit HDL-D7LM90



Model number	HDL-D7LM90
Wave length	– (For H-1VH)
Irradiation area(㎜)	Ø4㎜
WD(㎜)	6.95㎜
UV Intensity(mW/㎠)	1200mW/㎠
Cooling method	(Lens Only)
Examples of application	Lapel point point 90° irradiation narrow space
Physical Dimensions(㎜)	54.5㎜(H)×Ø7㎜

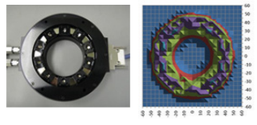
Lens Unit HLL-D01L

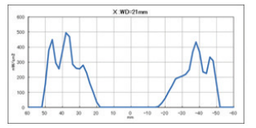




Model number	HLL-D01L
Wave length	– (For H-1VH)
Irradiation area(㎜)	Ø4㎜
WD(㎜)	23㎜
UV Intensity(mW/㎠)	4000mW/㎠
Cooling method	(Lens Only)
Examples of application	Irradiation of ultra-high-strength
Physical Dimensions(㎜)	37.4㎜(H)×Ø17㎜

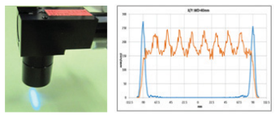
Special Type H-10RH4





Model number	H-10RH4-V1
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	Ø65㎜~85㎜
WD(㎜)	21㎜
UV Intensity(mW/㎠)	150mW/㎠
Cooling method	Water Cooling
Power controller unit (Power consumption)	H-10VC (200W)
Examples of application	Curing of printing serial number DVD
Physical Dimensions(㎜)	50㎜(H)×Ø180㎜ ※Except protrusion

Special Type HO-11LM/30Links

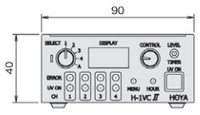


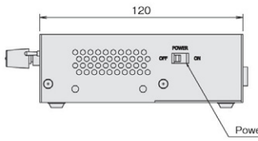
Model number	HO-11LM/30Links
Wave length	365nm (385nm/405nm)
Irradiation area(㎜)	X/180㎜×Y/130㎜ W/1㎜
WD(㎜)	40㎜
UV Intensity(mW/㎠)	200mW/㎠
Cooling method	Air Cooling
Power controller unit	H-1VC Ⅱ (DC24V))
Examples of application	Curing substrate edge LCD panel
Physical Dimensions(㎜)	–

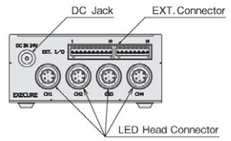
EXECURE-H-1VCII

Dimensions

● EXECURE-H-1VC Ⅱ

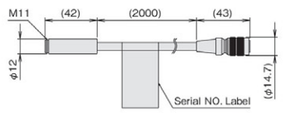




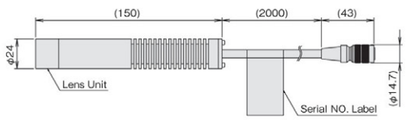


● LED ヘッドユニット / LED Head Unit

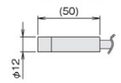
H-1VH



H-4VH

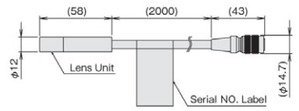


レンズユニット装着時 with Lens Unit
HO-03L, 04L, 05L, 06L

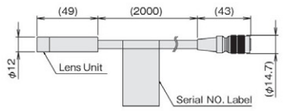


HO-11L

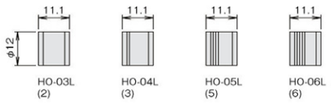
H-1VH-01

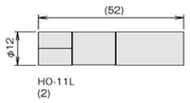


H-1VH-02



● H-1VH 用レンズユニット / Lens Unit for H-1VH

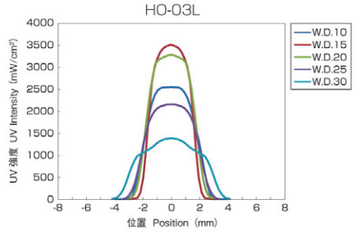




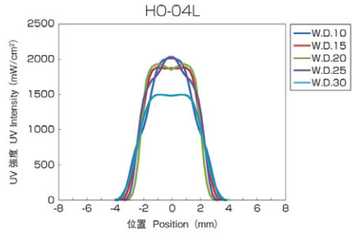
* ( ) はレンズの表示線の本数
* ( ) means number of groove on Lens Unit

● LED ヘッドユニット（レンズ着脱型）
LED Head Unit: Detachable lens type

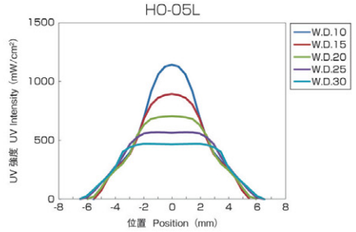
HO-03L



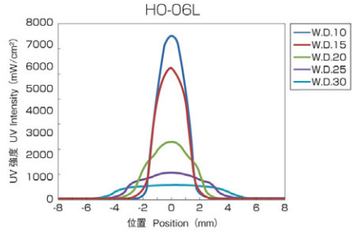
HO-04L



HO-05L

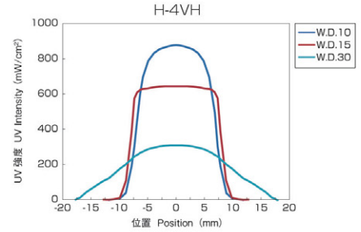


HO-06L

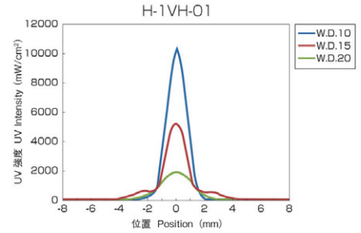


● LED ヘッドユニット（レンズ一体型）
LED Head Unit: Undetachable lens type

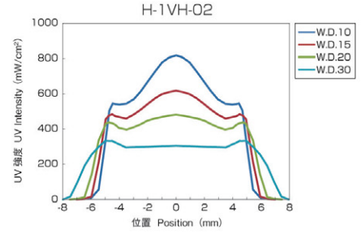
H-4VH



H-1VH-01

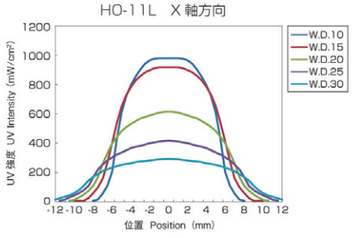


H-1VH-02

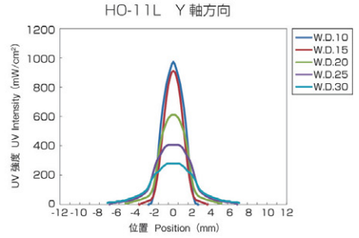


● LED ヘッドユニット（レンズ着脱型）長円形状照射タイプ
LED Head Unit: Detachable lens type, Elliptical irradiation type

HO-11L X 軸方向



HO-11L Y 軸方向

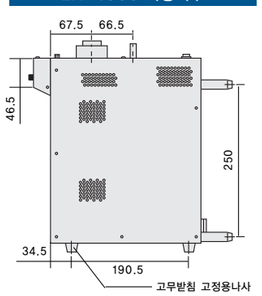


EXECURE 4000 UV Light Source

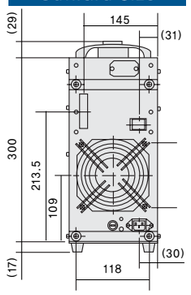
- 장비 배치가 용이함
- 수직, 수평의 조사 가능
- 램프교환이 용이함
- 최장의 램프효율

Dimensions

EX-4000 외형치수



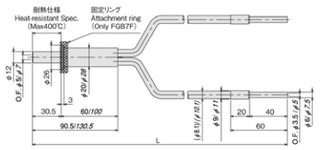
Outward Size



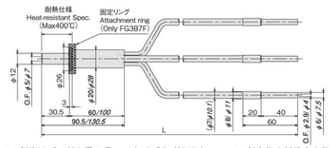
LIGHT GUIDE

FGS5 (7) F1000/1500/2000UV (R) -HT4

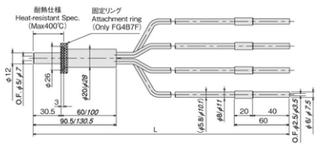
FGB5 (7) F1000/1500/2000UVR-HT4



FG3B5 (7) F1000/1500/2000UVR-HT4



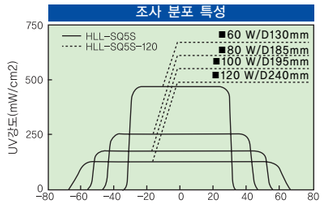
FG4B5 (7) F1000/1500/2000UVR-HT4



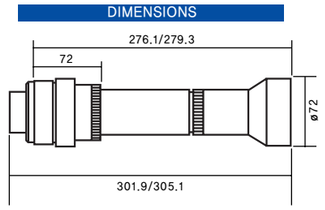
* 斜字はバンドル径Φ 7mm タイプの寸法です。 * 斜字为光纤束直径为 7mm 型的尺寸。
* The dimension of Φ 7mm bundle type is in italic.

UV 750 UV Light Source

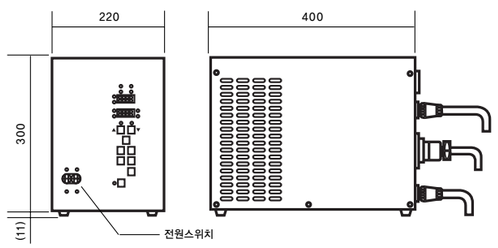
조사 분포 특성



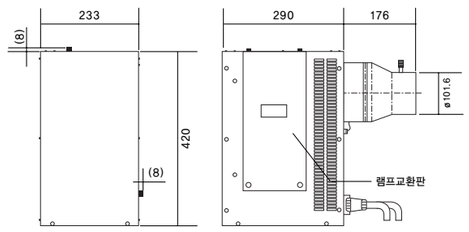
DIMENSIONS



Power Unit Size



Lamp Size



UV TESTER(UV조도계) UVPF-A1

- UV조도, 피크조도, 적산광량이 측정가능
- 수광기 교환으로 파장별 측정가능
- 수광기분리로 원격 측정가능
- 고속응답으로 정확한 측정가능
- 보정기능으로 보정가능

DIGITAL UV INTENSITY METER

UIT-201 · 순간조도 측정가능

UIT-250 · 적산 광량 측정가능

UIT-201

- 순간조도, 피크조도
- 수광기 교환으로 파장별 측정가능
- 수광기 분리로 원격측정가능

UIT-250

- 순간조도, 적산광량측정가능
- 수광기 교환으로 파장별 측정가능 (254, 365, 405NM)
- 수광기 분리로 원격측정가능
- 보정기능으로 보정가능

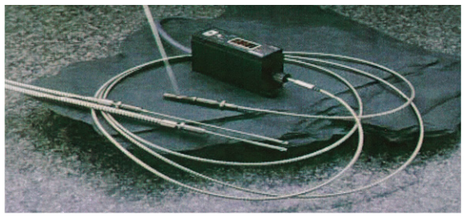
ACCU-CAL 150

- 320~390nm 측정 가능
- 적산광량, 피크조도 측정 가능
- 장비 사이즈 : 117mm X 12.7mm

HM-2

- 적산광량, 피크조도 측정
- 리얼타임 조도측정 가능
- 컴팩트한 사이즈
- 협부에서도 조도 측정 가능

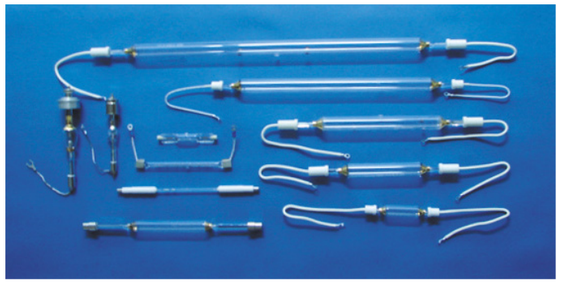
UV SENSOR UV 센서(UV-200)



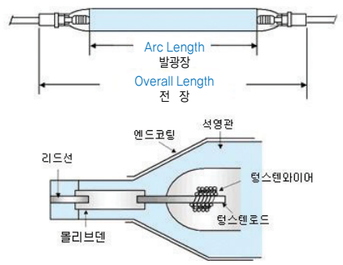
UV detection ranges
- Light Power Measurement
  - 0.01~30mW/㎠(254nm) 0.3~900mW/㎠(365nm)
- Wavelength Monitoring
  - 170~380nm(UV-T254,L,S) 300~380nm(UV-T365)

Two types of light guides
- UV-H Heat Resistant Type −40℃ ~ +300℃
- UV-F Free Cut Type −40℃ ~ +70℃

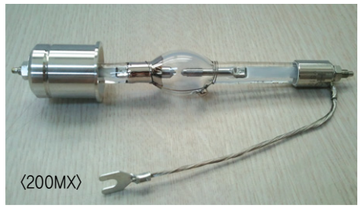
UV LAMP & DISPENSER



※ LAMP는 1Kw~30Kw까지 주문 사양에 따라 제작 공급이 가능합니다.



HOYA LAMP



JD-700 Digital Dispenser

- 최소 0.005초 부터 시간 설정이 가능하므로 토출양의 미세 조정이 가능합니다.
- 고정밀 압력 조절기의 채용으로 정밀 압력조정이 가능합니다.
- 다채널 설정 가능으로 도포량의 관리가 편리합니다.
- LCD PANNEL 채용으로 사용자의 편리성을 증대하였습니다.
- 모든 설정을 디지털화하여 조작 및 정밀도를 높였습니다.

JECO-TAD-200S

- Micro-Processor 방식의 고기능 정밀급 Controller 입니다.
- 극소의 토출량 제어 및 고속작업, Interval Timer에 의한 자동토출, 자동멈춤 기능을 갖춘 Timer에 의한 편리성을 높인 제품입니다.
- Vacuum Control 기능을 탑재하여 토출완료 후 자동 Vacuum 전환으로 액의 흐름을 정지시킵니다.
- 외부출력 기능을 다양화하여 자동화 및 Interface가 용이합니다.
- 수동 Mode에서 Digital Timer가 LED로 표시되므로 자동토출 시간설정에 용이합니다.
- 전원을 재입력하여도 기존 설치가 기억되어 있어 재설정이 필요없습니다.

SBD-A100

- SBD-A100 디스펜서 컨트롤러는 에폭시, 접착제 같은 재료의 토출량 및 토출상태를 제어하는 Controller 제품입니다.
- 최소 0.01초 부터 시간 설정이 가능하므로 소량 토출이 쉽습니다.
- 액체흐름 방지용 버큠을 기본으로 탑재하였습니다.
- 모든 설정을 디지털화 하여 조작 및 정밀도를 높였습니다.
- 입출력 신호 터미널로 자동화 기기 탑재가 가능하며 어떠한 작업조건에도 설치가 편리 합니다.
- 적용 재료 점도는 고 · 저 점도용입니다.

UV ADHESIVE

DYMAX® Henkel

기술정보

UV ADHESIVE								UV Intensities measured at365nm using EIT/DYMAX ACCU-CAL 150 UV METER
제조사	품번	용도	색상	경화방식	Durometer Hardness	점도	특징	경화
Henkel	LP-1630623)	와이어 고정 및 코팅	호박색	UV 경화	D75	35,000/60,000cP		Fixture Time 5sec , Depth of cure 2㎜ 일때3000mJ/㎠
	326BLUE	범용	청색	UV 경화 /형기성	D60	14,000cP	고유의 색이 있어 Inspection 가능 , 프라이머 7649N)	Generally 15sec ~2min
	366	금속, 유리 , 열경화성 수지	호박색	UV 경화 /형기성	D45	7,500cP	프라이머 7649N), Resist vibration and impact forces	Fixture Time 5sec , Depth of cure 2㎜ 일때3000mJ/㎠
	LPD-4057	와이어 보강(ear/head phone), 이미지 센서 렌즈 본딩, 칩 보강(Encapsulation)	투명호박색	UV/Visible 경화	D70	9,000cP		Tack free cure(220to 260nm 의 intensity 로 하면 핸더잡)15sec, Depth of cure 2mm 일때3000mJ/㎠
	3103	연질 , 폴리카보네이트	불투명	UV/Visible 경화	D51	10,000cP	Heat Aging Aged@93℃ for 340hour	Fixture Time 5sec , Depth of cure 2㎜ 일때3000mJ/㎠
	3106	연질, 경질 PVC 접착	연호박	UV/Visible 경화	D53	5,000cP	flexible ,Gap Filling	Fixture Time 5sec , Depth of cure 2㎜ 일때3000mJ/㎠
	190024	폴리카보네이트, 유연한 PVC	베이지색	UV/Visible 경화		18,000cP to	PCB접착력 우수, LENS 경통 고정용으로 사용	Fusion D Bulb 100 mW/㎠ @365nm , 4㎜ Depth of Cure 10sec
		다양한 플라스틱 , 글라스, 메탈	반투명			35,000cP		
Dymax	9001E-Series	와이어 고정, Circuit boards 칩 보강(Encapsulation)	투명	UV 경화, Heat cure(shadowed areas)	D45	V3:14500cP, V3.5:17,000cP, V3.7:50,000cP	>1,000h , 85℃/85% RH	150mW/㎠ 일때 10~30 sec (4500mJ/㎠ 이하)
	9481e	PCB코팅 (Conformal Coating)	투명,연호박	UV/Visible 경화, Moisture Cure (Secondary)	D75	125cP	MIL-I-46058C , IPC-CC-830B, UL 94 V-0 , UL 746-E	Fixture Time 3sec , Depth of cure 2mm 일때 3000mJ/㎠
	3-20686	Lens 보강 (모바일 렌즈 적용-삼성 SPEC) , Polycarbonate Headlamp(GM,FORD)	투명	UV/Visible 경화	D85	4,000cP	Low outgassing	1/8" Bead UV Flood 500mJ/㎠ UV SPOT (4000mW/㎠ > 2sec 이하)
	4-20418 -Series	유리 접착, 유리와 Plastic 접착	투명	UV/Visible 경화	D60	450cP , VT, Gel :35,000cP	Resist Yellowing	50mW/㎠, 150mW/㎠, 1500mW/㎠ 최소 5초
	3069-Series	폴리카보네이트, 아크릴 접착크라이슬러 사양 SIDE MIRROR LED ATTATCH)	반투명	UV/Visible 경화	D55	3069450cP, T6,000cP Gel25,000cP	Fast Curing , Flexible	Fixture Time 1sec , Depth of cure 2㎜ 일때600mJ/㎠
	CN-003	의료용 Needle Bonding ,Metal Bonding, Stainless Steel,Al, ABS	무색 투명	UV/Visible 경화, Heat Cure (Secondary)	D80	600cP	ISO 10993 Cytotoxicity, ISO 10993 Implantation(14days), Blue Fluorescing	Fixture Time 4sec , Depth of cure 2㎜ 일때3000mJ/㎠

점도

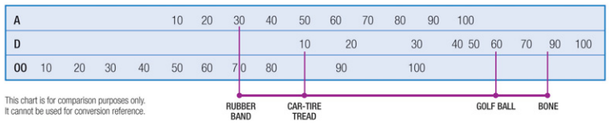
Typical Centipoise (cP/mPas)	Typical Reference Liquids at 20°C
1	Water
10	Kerosene
110	SAE 10 Oil
200	Maple Syrup
440	SAE 30 Oil
1,100	Castor Oil
3,000	Honey
10,000	Molasses
18,000	Chocolate Syrup
65,000	Vaseline
100,000	Sour Cream
200,000	Peanut Butter
1,500,000	Shortening

분포

DOTS | Volume of a dot is ½ the volume of a sphere V = .2618D³						
		·	•	•	●	●	●
Volume	(µL)	0.1	0.5	1.0	5.0	10.0	25.0
Volume	(mL)	0.0001	0.0005	0.001	0.005	0.010	0.025
Diameter	(mm)	0.73	1.24	1.56	2.67	3.37	4.57
Diameter	(in)	0.029	0.049	0.061	0.103	0.133	0.180

사용량

Bond-Line Gap or Coating Thickness	Theoretical Area Covered by 1 Liter of Adhesive or Coating
0.002" (51 µm)	30,500 in² (212 ft²) (19.7 m²)
0.005" (127 µm)	12,200 in² (84.7 ft²) (7.88 m²)
0.010" (254 µm)	6,100 in² (42.4 ft²) (3.94 m²)
0.015" (381 µm)	4,070 in² (28.3 ft²) (2.63 m²)

Bead Size	Theoretical Usage (Length per Liter)
1/32" (.79 mm)	66,300 in (1,684 m)
1/16" (1.6 mm)	16,600 in (422 m)
3/32" (2.4 mm)	7,400 in (188 m)
1/8" (3.2 mm)	4,100 in (104 m)
3/16" (4.8 mm)	1,900 in (48 m)
1/4" (6.4 mm)	1,000 in (25.4 m)

경도