Panasonic
ideas for life

Quick user guide for UJ30/35

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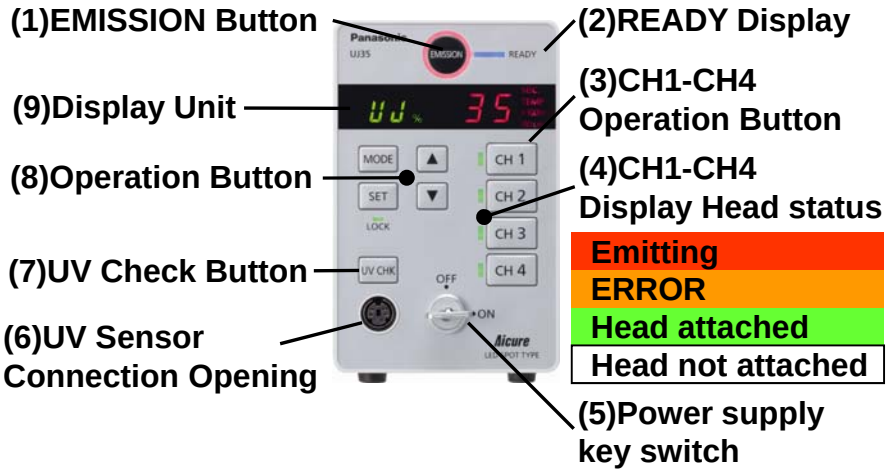
Panasonic Electric Works Europe AG

Series lineup UJ30 / UJ35

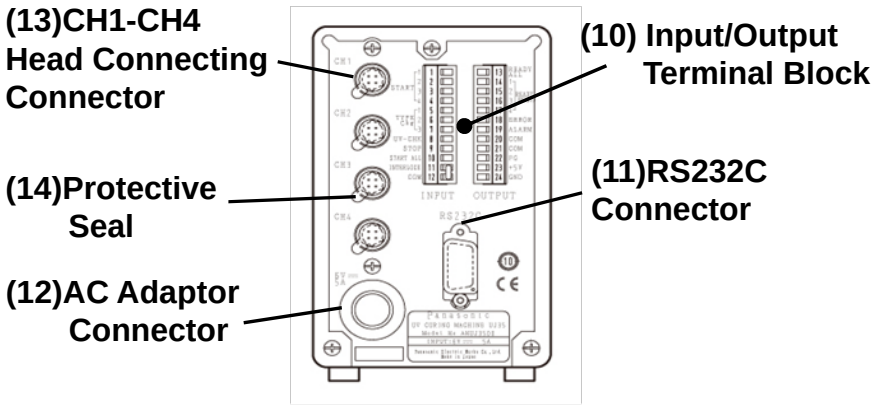
Part number		ANUJ3000	ANUJ3500
Number of connected heads		1 to 4 heads	
Connected UV sensor		Unsupported	1 sensor (Separately sold special UV sensor ANUJ3800)
UV irradiation		Simple mode, 1 pattern Batch/Individual control of heads	Programmed pattern irradiation by simple mode and 1 pattern (Max. 10 steps and 7 patterns) Batch/individual control of heads
Type changeover		None (One type)	Available (8 types): 7 types of irradiation patterns are stored and the type is changed over by external control.
Light modulation/Irradiation control		Digital light modulation: 0 to 100% (Incremented by 1%) Irradiation by continuous control (Con) or by timer control (0.1 to 99.9s and 100 to 999s)	
Setting/Operation		Setting with operation switch and power supply key switch	Setting with operation switch and power supply key switch RS232C (UJ35 setting tool)
Initial setting		Buzzer ON/OFF changeover, BUSY/READY output changeover, Celsius/Fahrenheit LED display changeover (Initial value: BUZZER ON, BUSY output, Celsius LED temperature display)	
Display		Large 7 segment LED display: Irradiation time and LED head temperature (Celsius and Fahrenheit changeover by initial setting), accumulated irradiation time, error display and UV intensity (UJ35) Small 7 segment LED display: Light modulation ratio, replacement time, UV measurement light modulation ratio (UJ35) and calibration setting UV intensity (UJ35)	
LED head temperature display		Display of LED temperature of heads	
External control	System	Parallel I/O	Parallel I/O RS232C
	External input	Individual irradiation, irradiation stop, interlock, UV CHK (UJ35) and type changeover (UJ35) Max. rating: DC28V, 100mA (per one point)	
	External output	READY ALL, BUSY/READY for each head (Changed over by initial setting), warning, error and +SV (Max. 250 mA)	
Supply voltage		Provided AC adaptor (100 to 240VAC±10%), 50/60Hz (100VAC power cable is provided)	
Power consumption		60VA (AC100V)	
Working temperature/ Temperature range		0~+35℃ 30~85 %RH (at25℃ No dew condensation)	
Storage humidity/ Humidity range		-10~+60℃ 30~85 %RH(at25℃ No dew condensation)	
Protective structure		IP30	
Mass		Approx.940g (exclude. AC adaptor) Approx.1680g (include: PKG and AC adaptor)	Approx.960g (exclude. AC adaptor) Approx.1700g (include: PKG and AC adaptor)
Accessory		Two AC adaptor keys and an instruction manual	

Name and Functions of Parts

●Front Side



●Backside

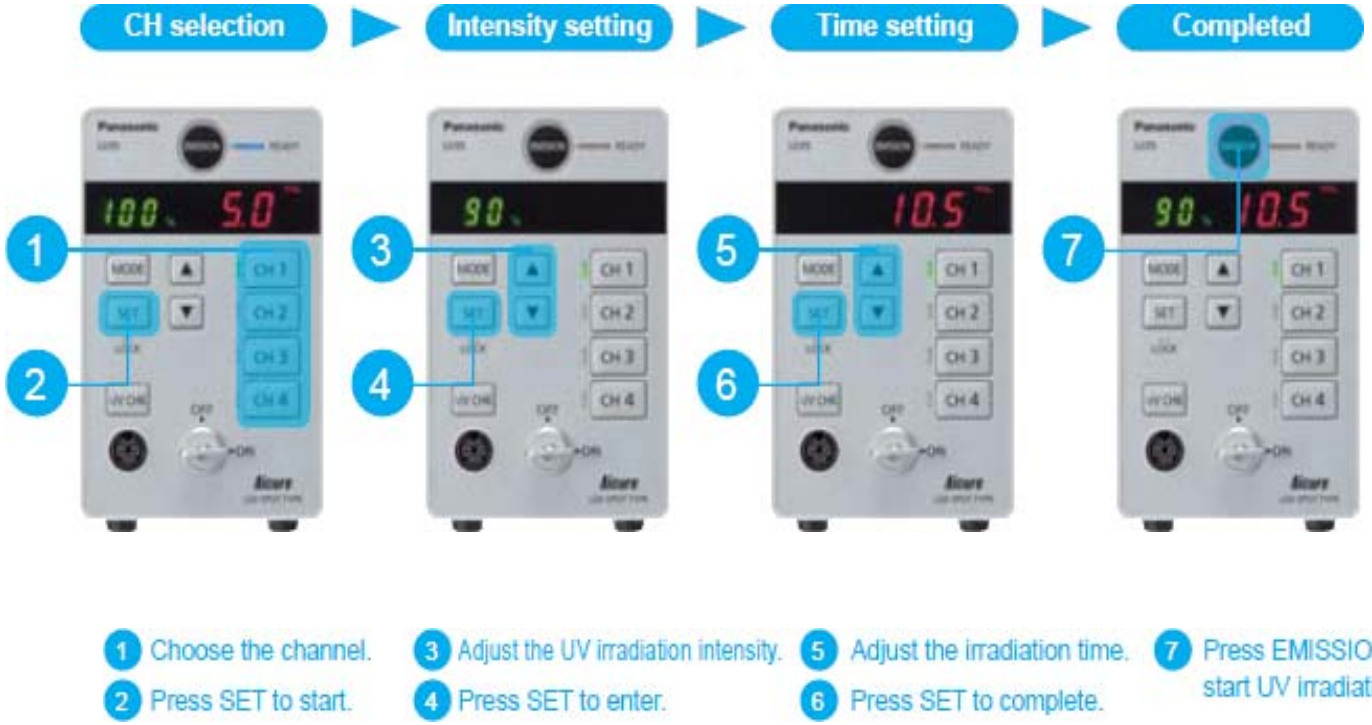


Description	Functions	Remark
(1) EMISSION button	UV is irradiated and stopped by selected irradiating CH head. Red lamp is turned on during UV irradiation.	
(2) READY display	Turns on the UV can be irradiated.	
(3) CG1-CH4 operation button	Used to select CH to be set and CH of irradiating head	
(4) CH1-CH4 indication light	Red light is turned on during irradiation, green light is turned on during waiting mode, and yellow light is turned on in error mode.	
(5) Power supply key switch	Used to start and stop the controller	
(6) UV sensor connection opening	Used to connect the special UV sensor	UJ35 only
(7) UV check button	Used to display and calibrate values measured by the special UV sensor	UJ35 only
(8) Operation unit button	Used to set irradiating conditions (intensity and time), replacement time and initial values and to change over the display	
(9) Display unit	Used to set irradiating conditions (intensity and time) and replacement time and to display head temperature and initial setting values	
(10) Input/output terminal block	Used to connect external equipment such as PLC and foot switch	
(11) RS232C connector	Used to connect external equipment such as PC and PLC with RS232C	UJ35 only
(12) AC adaptor connector	Used to connect the special AC adaptor	
(13) CH1-CH4 head connecting connector	Used to connect heads	
(14) Protective seal	Used to protect the connector	

Simple interface

Easy-to-read display and easy-to-operate panel
Only 3 switches are used for basic settings

1.Choose an LED head（CH1 to CH4)
2.Set the UV irradiation intensity (%)
3.Set irradiation time



In case of any further questions please
do not hesitate to contact our
sales and application engineers.

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