

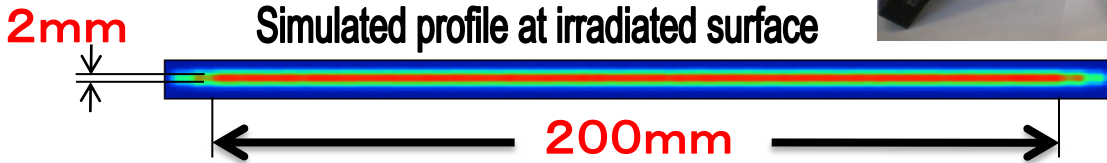
UV Irradiator with LED light source

Patent pending

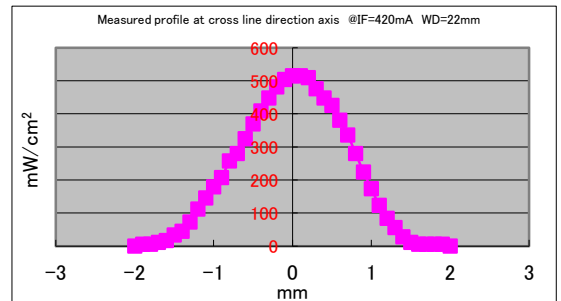
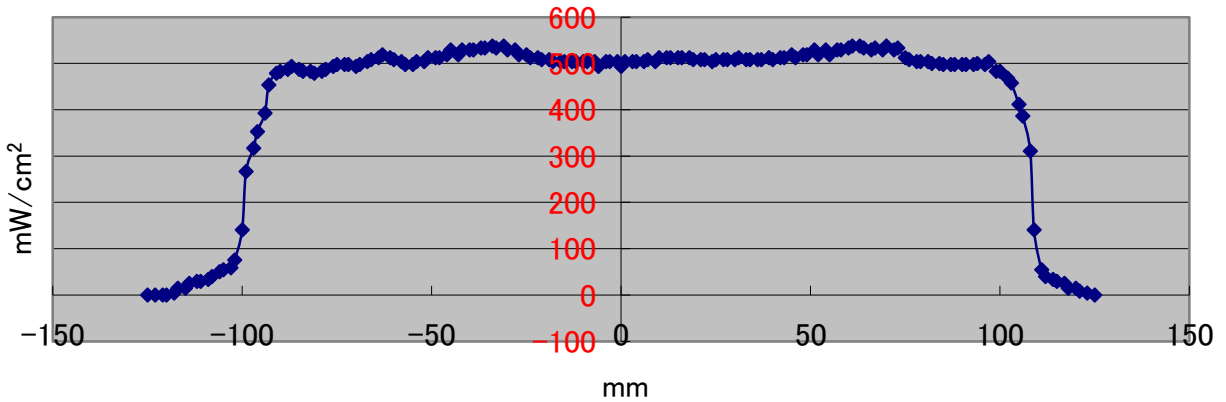
Flat Power® UVL-1

High Power

Achieved 200mm length line shape with compact head.
 Unique optical design provides uniform intensity of irradiation.
 Highly efficient thermal control with liquid cooling method.



Measured profile at line direction axis @IF=420mA WD=22mm



User friendly operation panel

- Key switch
- Irradiation START/STOP Button
- Buttons for Timer setting
- Buttons for Duty setting 0%~100%
- Mode Switch Timer/Continuous
- Indication of Temperature of head
- Coolant Monitor
- Coolant drainage outlet

All in one component with LED turning on and liquid cooling .
 Coolant to be changed every 10000 hours(our estimated value) with exclusive coolant provided by the manufacture.

Product specifications are subject to change without notice

Light and Compact Head
 Irradiation profile specification:
 Working Distance ; 22mm
 Width ; 2mm, Length ; 200mm
 Cable Length between Head And Controller ; 1200mm



Chamber construction to avoid liquid outcome as fail-safe design.

Safety design

Dimensions ,Weight & Power

- <Head Part>
- L298mm H78mm D35mm
- Weight 1.6kg
- Power consumption 25W
- <Controller Part>
- W220mm H150mm D315mm (exclude protuberances)
- Weight 6.3kg
- Power consumption 40W
- Electric Power Required AC100V Grid Utility Power

Be used for :

Curing UV hardening Resins,
 Adhesives, Paint coatings.
 Homogenous Curing Purposes.

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