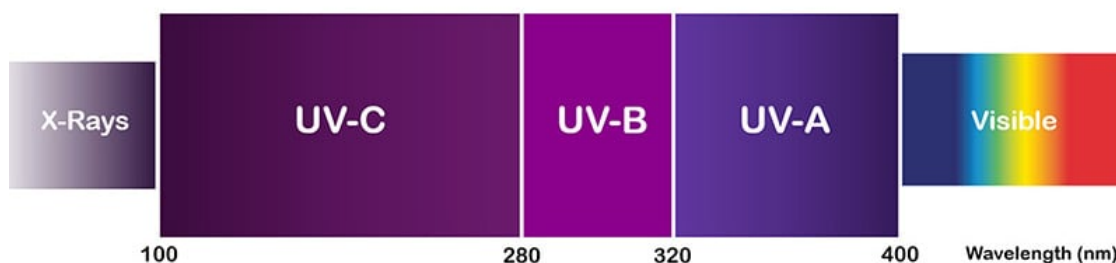


Multi-wavelength UV LED systems

At UWAVE, we can integrate up to 4 wavelengths (UV-C, UV-B, UV-A, Blue, Green...) into a single UCUBE or UV OVEN lighting system, while controlling each wavelength independently.

There's no longer any need to swap several lamps, as it's now possible to work with a wide, multiple UV LED spectrum and vary it precisely.

- Optimized core (UV-A) and surface (UV-C) polymerization of a formulation
- Adaptation to the majority of UV adhesives (365, 385 and 405nm)
- Photoaging tests on materials (broad spectrum UV-B, UV-A and visible)
- Comparison of different fluorescence reactions of a compound



UCUBE: Scalable, powerful LED surface light

- **Multi-wavelength** : Customizable up to 4 wavelengths simultaneously (UV-C 275 nm, UV-B 305 nm, UV-A 365/385/395/405 nm, Blue 465 nm...).
- **Irradiance level** : Up to 2000 mW/cm² in UV-A and 50 mW/cm² in UV-C/UV-B.
- **Precise, independent control** : Intelligent electronics for independent manual or external control of each wavelength

- **Reliability & integration** : Optimized service life, air or water cooling, in-line or CHAMBER integration for secure operation.

UV OVEN: Compact, safe UV box

- **Simplified installation** : Plug & Play system ideal for laboratories and small production runs.
- **Single or dual wavelength** : ideal for light-curing applications on small parts (UV-A and visible).
- **Exceptional uniformity** : 90% homogeneity over a 17×17 cm² work area thanks to reflective walls.
- **Enhanced safety** : Instant LED shutdown when the door is opened, no need for protective equipment, no UV leaks.



Besoin d'en savoir plus ?

Are you looking for customized UV LED lighting solutions?

Contact us!



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