



Powerful, Flexible & Compact UV LED Spot

Power
Up to 1200 mW/cm²

Latest UV LED generation

Up to 6 Heads
Available wavelengths
365, 385, 395 or 405 nm

Individual heads control with
one controller

Flexibility
UWAVE Know-how

Different sets of optics
designed by UWAVE



Distributor

amSTECHNOLOGIES
where technologies meet solutions

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Accurate and flexible UV LED spot: infinite possibilities



The **UFIBER™** high-intensity spot-curing system features all the benefits of LED technology in a smaller and more versatile unit.

With its irradiance reaching 1200 mW/cm² the **UFIBER™** is perfect for in-lab tests and UV curing processes.

This system has three different optical combination designed by **UWAVE**: Focus, Medium and Large. These lenses and LED heads can be used in any combination.

Ask for our Selection-Guide to select the right options with **UWAVE** recommendations.

UFIBER™ Controller



UWAVE provides different types of controller depending on your needs.

The controller is user-friendly and easy to take in hand. It has been designed for a better integration with an external control (PLC).

It has many features as:

- Independant control up to **6 UFIBER™**
- 4 Insolation modes: Infinite, Timer, External control (PLC), Switch (foot pedal in option)
- Insolation time and power
- Overheating alert

Examples of applications



UV bonding during the assembly process of medical components.



High precision bonding for optical assemblies.



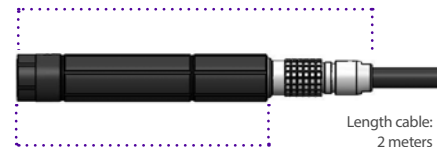
UV tests for laboratories.

Dimensions

0,5" - 12 mm



3,6" - 92 mm



Length cable:
2 meters

2,4" - 60 mm

Advantages of UV LED Technology

The **UFIBER™** can be switched ON and OFF as often as necessary and has much higher output power stability than other technologies.

UV LEDs do not emit infrared radiation, thus heat sensitive materials can be processed. UV LEDs are eco-friendly as they do not create ozone, do not contain mercury and only need a few watts to operate.



Technical Information

Wavelength	365 nm	385 nm	395 nm	405 nm
Max Irradiance	1200 mW/cm ²			
Electrical Power Input	~ 4 W			
Optical system	Large, Medium or Focus			
Weight	15 g			
Part Number	UFIBER-XXX			

XXX = Wavelength in nm

UWAVE
UV LED & OPTICAL | SMART SOLUTIONS

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