

BlueTube® Specifications



UV-LED optical fiber curing far beyond the state of the art

BlueTube® BTUV-2000-M UV-LED Driver



Electrical supply	200-240 VAC 50/60 Hz 10 A IEC 320-C14
Power consumption	Single stage: 650 W Dual stage: 1250 W
Control	7" capacitive touch screen & Data wheel
Switch	Key switch & Emergency stop
Data interface	Serial interface (RS-232, 9 pin, female)
Safety interface	Interlock connector (XLR, 5 pin, female)
Dimensions (length x width x height)	432 mm x 448 mm x 132 mm (3RU)

BlueTube® BTUV-1000-M UV-LED Cluster



Optical power	Single stage: 250 W Dual stage: 500 W
Wavelength	365 nm 385 nm 395 nm 405 nm
Protective gas connector	IQS push-in (6 mm)
Cooling water connector	IQS push-in (8 mm)
Power connector	XLR plug (4 pin, male)
Control connector	XLR plug (RJ45)
Eye & skin safety level	Redundant double stage interlock safety (mechanical & inductive)
Dimensions (length x width x height)	138 mm x 200 mm x 235 mm

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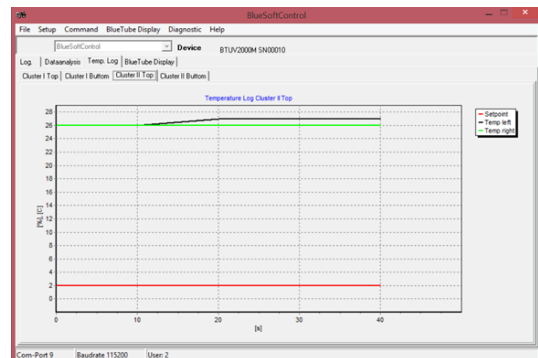


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BlueTube® GUI Intelligent Software



BlueTube® Touch Screen GUI



BlueTube® Windows GUI

Fabrication parameters	Wavelength Optical power Temperature
Real-time in-situ monitoring	Communication status Temperature status (right & left) Optical power status (right & left) Interlock status
Process intelligence	Monitoring of process parameters Error code management Full traceability
Automatic fabrication protocol data export	UV-LED Temperature graph (right & left) Optical power graph (right & left)



The BlueTube® UV LED Curing System is CE certified.

The BlueTube® UV LED Curing System is compliant with the RoHS Directive 2011/65/EU and the Low Voltage Directive 2014/35/EU.

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