



# Miltec UV- The Power of Excellence.

**QUALITY, RELIABILITY, PERFORMANCE.**

## Xtrema ECO Optical Fiber UV System

### Description:

The Xtrema ECO is an enhanced version of our MPI system, specifically designed for the optical fiber market. Variations to the design allow for Single alignment or Multilamp alignment on a common alignment platform. The patented Miltec FX-2 back reflector offers enhanced optics focused directly on the fiber.

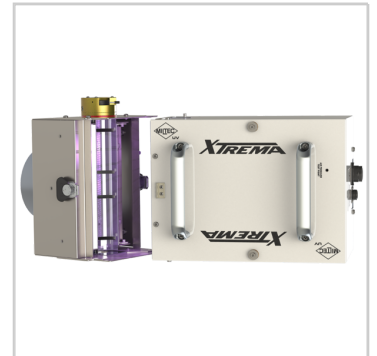
Contact us to discuss this model and your application further.

### Benefits and Features:

- ▶ 35% Higher UV Intensity at the Fiber
- ▶ 33% or Greater Energy Savings
- ▶ Patented optical system delivers higher peak UV for faster line speeds.
- ▶ Less energy consumption with more UV focused at the fiber.
- ▶ Increased production efficiency.
- ▶ Lower heat emissions resulting in cooler fiber surface temperatures.
- ▶ Improved lamp cooling design to maximize the life of all lamp parts.
- ▶ Easy to retrofit (or upgrade) existing microwave powered UV equipment.

### Applications:

- ▶ Optical Fiber Draw
- ▶ Optical Fiber Coloring
- ▶ Wire & Cable



**Xtrema ECO Power Supply Specifications:**

<b>Xtrema ECO Power Supply</b>	CE Certified
<b>Electrical requirement:</b>	380-415 VAC @ 50Hz, 440-480 VAC @ 60 Hz
<b>Control functions:</b>	Power On/Off, Lamp On/Off, Power Level High/Low
<b>Remote control inputs (Dry Contacts):</b>	Lamp On/Off, Power Level High/Low
<b>Interlock inputs (Dry Contacts):</b>	Emergency Stop, External Interlock, Blower Interlock
<b>Relay Outputs:</b>	Filament On, HV On, Low Power, Lamp On, System Ready
<b>Power Supply Weight:</b>	69 Kg (152 Lbs)
<b>Power Supply Dimensions:</b>	209mm H x 447 mm W x 813 mm D (8.2" H x 17.6" W x 32" D)
<b>Standard cable lengths:</b>	2m, 3m, 4m, 5m, 6m, 8m, 11m, 14m, 16m, 17m 21m, 26m, 31m, 38m

**Xtrema ECO Lamp Module Specifications:****Index Plate / Standard Fiber**

<b>Weight:</b>	16 Kg (35 Lbs)	14 Kg (31 Lbs)
<b>Dimensions:</b>	421 mm H x 263 mm	444 mm H x 262 mm

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<b>Optimum Focus:</b>	102.2 mm from lower alignment bushing	168 mm from lower mounting hole
<b>Material and Finish:</b>	Brushed Aluminum	Brushed Aluminum
<b>Options:</b>	Cold Mirror Reflectors, Bulb Fills (H, H+, D and V)	

### Back Reflector Specifications: FX-2

<b>Weight:</b>	5.7 Kg (12.5 Lbs)	6.4 Kg (14 Lbs)
<b>Dimensions:</b>	236mm x 274mm x 232mm (9.3" x 10.8" x 9.12")	230 mm x 277mm x 232mm (9" x 10.9" x 9.12")
<b>Material and Finish:</b>	Brushed Stainless Steel	Brushed Stainless Steel
<b>Features:</b>	FX-2 Split-type Model allows secondary reflector to be removed and cleaned without disturbing the fiber.	

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