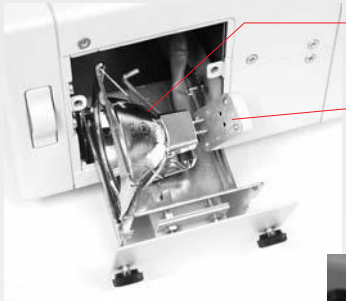


# LIGHT SOURCES

## MO150

150Watt  
Quartz Halogen Light Source

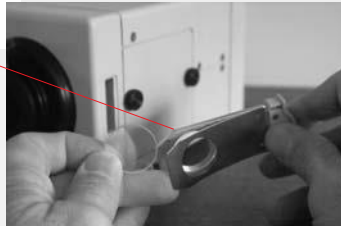
*A full feature light source, easy to maintain, contemporary in design.*



Lamp changes are quick and easy. The drawer folds completely out of the housing.

Rugged two prong socket for long life.

Filter Drawer accepts standard 25mm filters. (Dichroic filters are recommended).



### OPTIONS

- 230V 50 cycle version, CE approved.
- Iris diaphragm to maintain color temperature.
- Wired Remote.

Specifications	US and Canada	Europe	Japan
Rated Power Output (max)	200 Watts	200 Watts	200 Watts
Output Voltage	0-21 Volts	0-21 Volts	0-21 Volts
Input voltage	120 V AC 50/60Hz	230/240 V AC 50 Hz	100 V AC 50/60 Hz
Fuse type	2,5 Amp Slow blow	2,5 Amp slow blow	2,5 Amp slow blow
Temperature Range: Operating Storage	0° to 45° C -25° to 85° C	0° to 45° C -25° to 85° C	0° to 45° C -25° to 85° C
Relative humidity, Non Condensing	5% to 95%	5% to 95%	5% to 95%
Vibration: 10-500Hz 2G 10min./cycle. Period for 60 min. Each axis.			

\* -Specifications subject to change without notice

P/N	Description	Voltage/ Cycles	Lamp Type
FTIII16798	150W , 120V AC unregulated light source.	115/60	EKE, EJA
FTIII18664	150W , 120V AC unregulated light source with Iris diaphragm	115/60	EKE, EJA
FTIII19585	150W , 120V AC unregulated light source with Wired remote	115/60	EKE, EJA
FTIII18665	150W , 230V AC unregulated Light source; CE	240/50	EKE, EJA
FTIII19312	150W , 230V AC unregulated light source with Iris diaphragm	240/60	EKE, EJA
FTIII19642	150W , 230V AC unregulated light source with wired remote	240/50	EKE, EJA



MO150 is a full featured Microscopy lightsource.

### FEATURES

- Interchangeable EKE or extra bright EJA lamp.
- On/off switch separate from the dimmer for maximum control and repeatability
- Interchangeable adapter accepts all brands of fiber optic light guides.
- 1" Bezel is very cool, and accepts oversized light guides. Also includes space for an extra 25mm filter.
- Soft start ergonomic dimmer reduces inrush current and lengthens bulb life. Provides smooth light change from zero to 100%.
- Separate filter drawer accepts standard 25mm diameter filters (Dichroic filters recommended)
- No soldered connections for carefree and convenient maintenance.
- Lamp exchange drawer folds completely out of the housing for easy bulb replacement, no tools required.
- Private label capability .
- 2 year warranty.
- CSA and CE (230v version) approved.

Overall Height: 4.75" (121 mm)  
 Overall Width: 8" (205 mm)  
 Overall Depth: 7" (219 mm)  
 Unit Weight: 13,5lbs. (4,8 kg) including cord  
 Adapter Receptacle: 1" (25.4mm) OD.  
 (Fiber receptacle varies with adapter)

FTI offers a family of fiberoptic illuminators unsurpassed in quality and performance. Exceptional value, proprietary features, and a large selection of customizing options and accessories make the product family adaptable to any need



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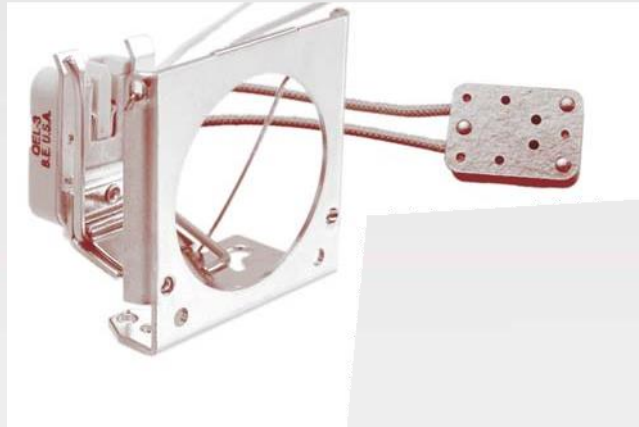


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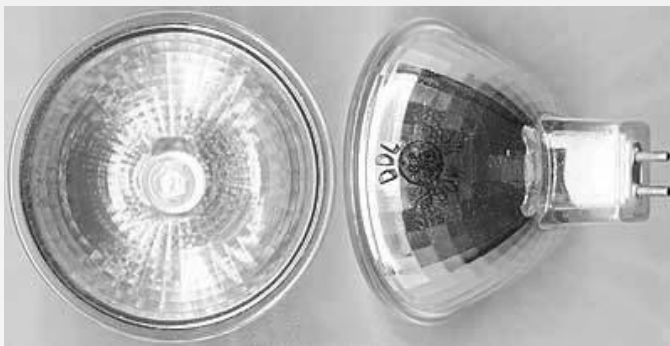
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# LAMPS and REPLACEMENT PARTS

## MO-150 Replacement Parts



P/N	Description
FTIII10486	Replacement Ceramic Socket for MO150W (FTII10005)
FTIII11154	Replacement Lamp Bracket for MO150W (FTII10005)



## Lamp types

P/N	Voltage	Wattage	Description	Avg Life** (Hrs)	Focal Distance	Spot Size	Beam Spread (NA)	Color Temp (°K)
FTIII10029	21	150	EKE Projector	200	1.8-2.9"	.5-1"	*45°	3250
FTIII10846	21	150	EJA Projector	40	1.1"	.25"	*60°	3350
FTIII16933	20	150	DDL Projector	500	2-2.75"	.75-1"	*20°	3150
FTIII16934	21	150	EKE Projector for IR	200	1.8-2.9"	.5-1"	42°	3250

\* - Approximate beam angle

\*\* - Lamp life can be increased by a factor of 10 when using the long life switch on the FO150 (Brightness is reduced)



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