

# LIGHT SOURCES

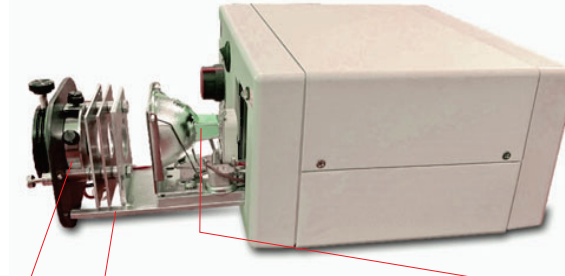
## MO150

150Watt  
Quartz Halogen Light Source

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



MO150 is a full featured Microscopy light source.



- Rugged two prong socket for long life.
- Lamp changes are quick and easy. The drawer pulls completely out of the housing.
- Filter Drawer accepts standard 25mm filters. (Dichroic filters are recommended)

### OPTIONS

- Iris diaphragm to maintain color temperature.
- Wired Remote.

### FEATURES

- Interchangeable EKE or extra bright EJA lamp.
  - On/off switch separate from the dimmer for maximum control and repeatability.
  - Dimmer operates smoothly from 0 to 100% intensity.
  - 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 control reduces inrush current and lengthens bulb life.
  - Integral internal filter holder accepts standard 25mm diameter filters. (Dichroic filters recommended)
  - No soldered connections for carefree and convenient maintenance.
  - Lamp exchange drawer pulls out completely from the housing for easy bulb replacement, no tools required.
  - Private label capability.
  - 2 year warranty.
  - Universal PWM power supply works anywhere in the world. (with the appropriate power cord)
  - ETL and CE approved.
- Overall Height: 5.00" (127 mm)  
 Overall Width: 8" (203 mm)  
 Overall Depth: 7" (197 mm)  
 Unit Weight: 5lbs. (2.3 kg) including cord  
 STD Adapter Receptacle: 1" (25.4mm) OD.

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

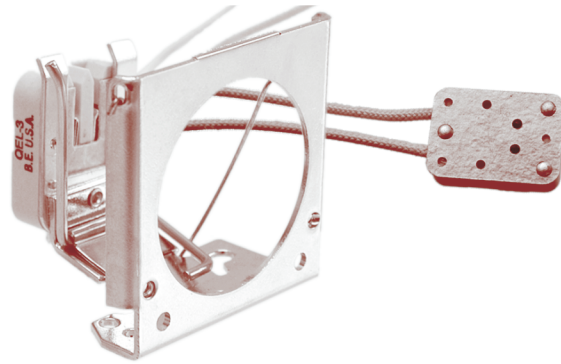
P/N	Description	Voltage/ Cycles	Lamp Type
FTIII25664	150W, AC regulated light source – Universal power supply, North American plug	115/60 230/50	EKE EJA
FTIII25664-CE	150W, AC regulated light source – Universal power supply, European Plug	115/60 230/50	EKE EJA

FTI offers a family of fiber optic 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

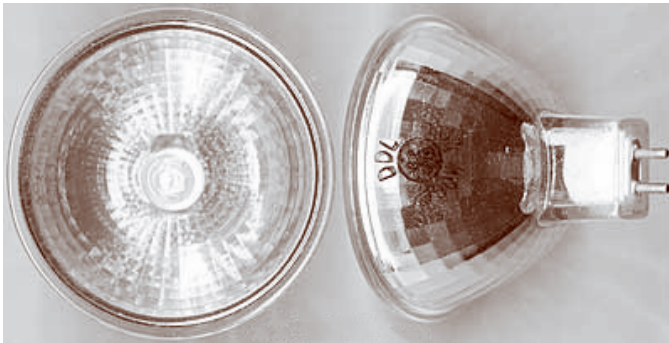
Available Fiber adapters: FTI, Storz, ACMI, Wolf, Olympus, Pilling, Chiu, Schott, Fostec, Dolan Jenner, Volpi, Others

# 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)