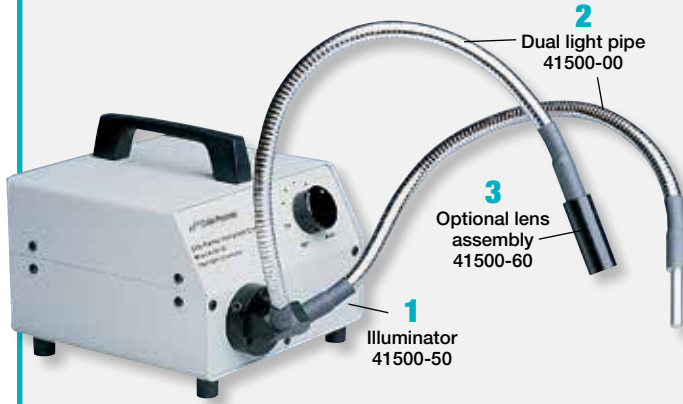


Cole-Parmer® Fiber Optic Illuminator System

Configurable to your needs

- Handle allows for convenient transporting
- Easy bulb access through bottom compartment



Cole-Parmer®



REQUIRED System Components

- 1) Illuminator
- 2) Light pipe—select a single, dual or ring light pipe. Connects directly to illuminator without an adapter.
- 3) Optional lens assembly—use with single or dual light pipe.

1. Illuminator

This low-noise illuminator features a stepless control knob to dial in the desired intensity. Includes 5-ft (1.5-m) power cord; 115 VAC model includes three-prong plug.



Specifications

Lamp color temperature: 3250 K at full output **Bulb life:** 200 hours

Wattage	Illuminator dimensions	Power	Catalog number	Price
150 watts	7 1/4"W x 6 1/4"H x 7 1/4"D (18.4 x 15.9 x 18.4 cm)	115 VAC, 60 Hz 230 VAC, 50 Hz	GH-41500-50 GH-41500-55	

GH-09741-02 Replacement bulb; 150 W, quartz halogen. Maximum 200-hour life. Color temperature is 3250 K

2. Light Pipes

Single and Dual Light Pipes feature a self-supporting, chrome-plated sheathing for accurate positioning. Order the optional lens assembly 41500-60 to vary the illumination spot.

Ring Light Pipe provides a full 360° ring of cool, white illumination. Ring mounts directly to your stereomicroscope pod. No adapter is needed for the following microscopes: Wild M3, M5A, M7, and M7S; and Bausch & Lomb stereo zoom with 0.3x, 0.5x, 0.75x, and 1.5x lenses. Jacketed in crush- and kink-resistant PVC monocoil sheathing.



41500-70

Description	Dimensions	Cat. no.	Price
Single	18"L (45.7 cm)	GH-41500-10	
Dual	18"L (45.7 cm)	GH-41500-00	
Ring	36"L x 3 3/16"OD x 2 5/8"ID (91 x 8.1 x 6.7 cm)	GH-41500-70	

3. Optional Lens Assembly for light pipes 41500-10 and -00

[GH-41500-60](#) Optional lens assembly

Cole-Parmer® Microscopy Fiber Optic Illuminators

Use with existing microscope

- Low profile design fits into tight spaces
- Complete 0 to 100% light intensity control

These high-performance illuminators deliver 40,000 footcandles of high-intensity cold light. Minimal light leakage makes these illuminators ideal for your photosensitive applications.

Audible noise and vibration is minimal, convenient side door makes changing lamps fast and easy, and light pipes fit securely without need for adapters.

What's included: a 150-watt quartz halogen bulb and 6-ft (1.8-m) power cord with US standard plug (230 VAC models have European plug).



Wattage	Illuminator dimensions	Power (50/60 Hz)	Catalog number	Price
Illuminator only (order light pipe separately at right)				
150 watts	6"W x 5 3/8"H x 8 1/2"D (15.2 x 13.7 x 21.6 cm)	115 VAC	GH-41723-00	
		230 VAC	GH-41723-05	
Illuminator with single gooseneck light pipe (20"L) and one focusing lens				
150 watts	6"W x 5 3/8"H x 8 1/2"D (15.2 x 13.7 x 21.6 cm)	115 VAC	GH-41723-20	
		230 VAC	GH-41723-25	
Illuminator with dual gooseneck light pipes (23"L) and two focusing lenses				
150 watts	6"W x 5 3/8"H x 8 1/2"D (15.2 x 13.7 x 21.6 cm)	115 VAC	GH-41723-30	
		230 VAC	GH-41723-35	

Cole-Parmer®



Order microscopes separately on pages 429-437

Specifications

Lamp intensity: 40,000 footcandles at 3" (7.6 cm) **Lamp color temperature:** 3250 K
Bulb life: 200 hours at high setting

Accessories

- [GH-41720-75](#) Single self-supporting light pipe
- [GH-41720-65](#) Dual self-supporting light pipe