

# HALOGEN LIGHT SOURCES 150 WATT

Made in Germany

HL-150



HL-150 DUO



HL-150 VARIO



HL-150 TWIN

## HL-150 HL-150 DUO HL-150 VARIO HL-150 TWIN

- small, compact design
- exchangeable light guide adapter
- mechanical diaphragm
- low heat conduction

## HL-150 / HL-150 DUO / HL-150 VARIO / HL-150 TWIN

The HL-150 series is a universal and easy to use series of high-intensity Halogen light sources. They can be used for nearly every endoscopic application. Variants with 2 lamps ensuring uninterrupted working if one lamp breaks down or expanding possibilities with using different adapters for different light guide systems.

Special reflector lamps and infrared filters standing for best light coupling.

A softstart electronic expands the lifetime of the Halogen lamps.

The intensity is controlled by mechanical diaphragm without changing the colour temperature.

### MODELS

HL-150	1 lamp - 1 output
HL-150 VARIO	2 lamps - 1 output
HL-150 DUO	2 lamps - 2 outputs (no simultaneous use)
HL-150 TWIN	2 lamps - 2 outputs (simultaneous use)

## Halogen Light Sources

### Technical Data

Lamp	1 or 2 Halogen reflector lamps 150 Watt, 15V
Colour temperature	3.600°K
Intensity control	stepless / mechanical diaphragm
Light guide adapter	exchangeable
Power supply	110/115 VAC or 230/240 VAC, switchable
Dimensions (WxHxD)	HL-150 175 x 82,5 x 202 mm  HL-150 VARIO / DUO / TWIN 355 x 110 x 347 mm
Weight	HL-150 3,5 kg  HL-150 VARIO / DUO / TWIN 8 kg
Power consumption	HL-150 / HL-150 VARIO / DUO max. 160 Watt  HL-150 TWIN max. 320 Watt
Class / Type	1 / BF
Manufactured and tested acc.	IEC 601-1 / CE EN 60601-1 93/42 ECC

### Accessories

#### Glass fibre light guides

Lengths	1800, 2300, 3000, 5000 mm
Diameter	3,5 mm, 4,8 mm

#### Fluid light guides

Lengths	1800, 2300, 3000, 5000 mm
Diameter	3,5 mm, 5 mm

### Delivery contains

Light source  
Mains cable  
User manual

