

D150 led light source



Centrel presents the revolutionary light source for endoscopy, without lamp, which can replace the sources with xenon and halogen technology.

The exclusive **Power LED System** technology uses a LED semiconductor diode with a high light emission of long duration that permits to illuminate the observed field significantly increasing the quality and the accuracy of endoscopic examination.

| <i>Characteristics</i> | <i>Advantages in comparison with halogen / xenon</i> |
|---|---|
| Solar light spectrum emission. | ➤ White instead of yellow light (halogen source) |
| Steady colour temperature | ➤ Clear colour rendering of the camera |
| Duration of the LED diode: 35.000 hours | ➤ No charge for lamp replacement |
| Semiconductor technology | ➤ Constant luminous intensity over time |
| Compact and lightweight size | ➤ Easy placement in the workplace |
| High electrical efficiency | ➤ Low power consumption |

Technical Specifications

| | |
|--------------------------------|--|
| Model | D 150 LED Light Source art. 314005 |
| Light Power | Equivalent to 150W xenon |
| Compatible with | Rigid telescopes diameter 2,7 mm. min. |
| Intensity | Adjustable |
| Colour Temperature | 5.500°K |
| Fiber optic input | Storz type |
| LED Duration | 35.000 hours |
| Anti-glare system | The luminous flux is operative only after the insertion of the fiber optic cable |
| Heat reduction | Double fan, low noise |
| Protection against overheating | Yes |
| Comply with | CEI EN 60601-1, CEI EN 60601-1-2 |
| Classification | Class I BF type |
| European directive conformity | 93/42 CEE  |
| Dimensions | 215 x 180 x 47 (l x p x h) mm. |
| Weight | 2 Kg. |
| Power Consumption | 0,25 A |
| Power Supply | 90–240 VAC 50/60 Hz |



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