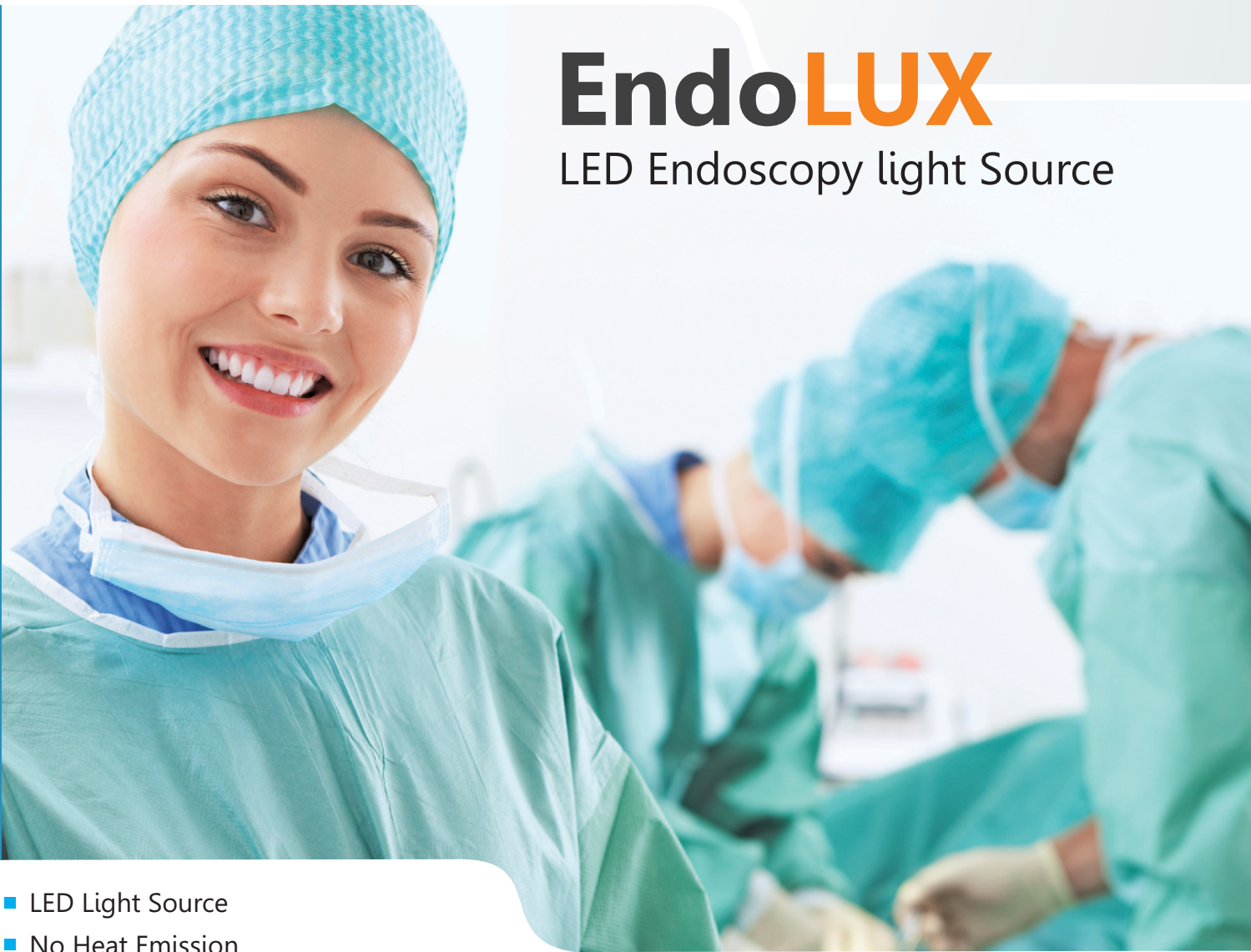


Add Hi-Tech Precision to your Surgical Expertise...

# EndoLUX

LED Endoscopy light Source



- LED Light Source
- No Heat Emission
- Efficient Cooling System for LED



Endoscopic Light Source



## Technical Specifications of Shalya EndoLUX e

Light Source Type	LED
Light Colour	Cool white
LED Brightness	3600 lumens
Fiber Optic Cable	4.8 mm diameter
Noise	< 50 db
Brightness Control:	01 to 10 ( in steps of 1 )
Color Temperature:	6500 K +/-600
Life	>50,000 h
Color Rendering Index	> 75
Input Voltage	95 to 264 VAC, 50/60 Hz
Maximum Power Consumption	250 W
Design Standard	General Safety Standards: IEC 60601-1-1 EMI/EMC Compatibility Standard: IEC 60601-1-2 Endoscopic Equipment Safety Standard IEC 60601-2-18

## Features of Shalya EndoLUX e

- **Better Substitute to Xenon Source :** Luminous output, CCT and CRI of the light are comparable with a typical **300W** Xenon Lamp, while consuming less power.
- **CRI (Ra) :** Color Rendering Index (Ra) > 75 signifies that the entire visible light spectrum is perceived, enabling visualization of **finest variation in tissue color**.
- **Steady Light Output: Flicker free** LED light source which ensures clear view as well as assures **acquisition of clear images** of tissue.
- **No Undesired Heat : No emission of UV and IR** from the LED source, which avoids any **undesired heating of tissue**.
- **Automatic Shut off :** With **special detection sensors**, abrupt disconnection of fiber cable automatically shuts off the light, providing operator safety due to anti-dazzle feature & avoiding power wastage.
- **Plug & Start :** As **no warm up & cool down time** required , unit turns on and off immediately.
- **Enhanced Source Life :** Long Life LED (>50,000 hours), eliminates the need of **frequent replacement**, reducing the maintenance cost and environmental waste.
- **Automatic Cooling System for LED :** Detects temperature & turns on fan only if it's required which helps in **power saving**.

## Applications of Shalya EndoLUX e

Endoscopy (General, Gastroenterological and Urology), Arthroscopy, Endoscopic Spine Surgery & ENT Surgery, Laparoscopy (Urology, General and Gynecological Surgery)



Storz's size Fibre Optic Endoscopy Cable  
4.8mm, 2.3mtr Length

**Other instrument end fittings available**

### Shalya Extended Range



**Shalya Oculus**  
Endoscopic Camera



**Shalya Endojet**  
CO<sub>2</sub> Insufflator

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