



Endoscopy Camera System Stable Performance Long Lifespan Color Temperature

Our Product Introduction

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Basic Information

- Brand Name: ODM
- Minimum Order Quantity: 1
- Packaging Details: 45*45*25CM



Product Specification

- Power Supply: AC220V/50HZ
- Input Power: 250VA
- Illuminance: >2,000,000 Lux
- Color Temperature: 3000K-7000K
- Color Rendering Index: Ra >90
- Luminous Flux: >2200 LM
- Highlight: Color Temperature Endoscopy Camera System,
Long Lifespan Endoscopy Camera System,
Stable Performance Endoscopy Camera System

Product Description

Medical LED Light Source: Performance Attributes

Engineered with imported medical-grade LED technology, this system delivers exceptional luminous stability for critical surgical applications. The light source achieves an operational lifespan of 20,000-40,000 hours, significantly reducing replacement frequency. With color temperature adjustable from 3000K to 7000K, it replicates natural daylight to enhance tissue differentiation during procedures.

Output exceeds 2,000,000 Lux illuminance with stepless brightness control, enabling optimal tissue translucency visualization. A color rendering index (CRI) >90 ensures accurate depth perception within the surgical field. The low-temperature emission profile prevents thermal damage to endoscopic components while providing instantaneous illumination without warm-up delays.

Universal light guide interface maintains compatibility with major endoscopic systems including STORZ, OLYMPUS, and WOLF platforms, ensuring seamless integration into existing surgical suites.

Technical Specifications

Parameter	Specification
Power Supply	AC220V/50HZ
Input Power	250VA
Illuminance	>2,000,000 Lux
Color Temperature	3000K-7000K
Color Rendering Index	Ra >90
Luminous Flux	>2200 LM
Noise Level	≤55 dB
Light Port Size	φ10±0.1mm
Safety Certification	Class I, Type BF
Operating Mode	Continuous



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