HFMED®

## 700/700LED

Shadowless Operating lamp

### • Precise

Uniform,homogeneous lighting in surface and deep cavity procedures thanks to 700 500LED's innovative shadow control.

### • Simple

Our ergonomic， sterile operating concept allows for the simple and flexible control of all functions by the surgical team.

### • Durable

Almost unlimited LED life expectancy delivers tremendous product reliability and investment protection.

### • Efficient

Environmentally proactive: low power consumption and durable LEDs minimizethe impact on our precious resources.

Offical QR code

HFMED®

YOUR IDEAL OPERATING TABLE SUPPLIER

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HFMED®

CE

# 700/700LED

Shadowless Operating Lamp

HFMED

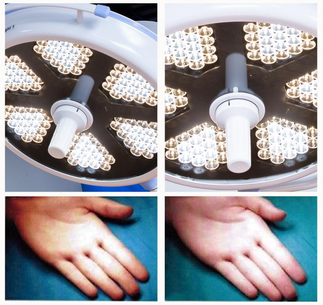
SHANGHAI HUIFENG MEDICAL INSTRUMENT CO.,LTD

# 700/700LED

# 700/700LED-TV

## Adjustable color temperature

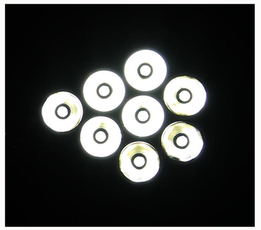
Through reliable beam synthesis control technology, the color temperature can be adjusted between 3800K–5000K under the condition that the color rendering index is 93.Surgeons can adjust the color temperature according to their own habits or different surgical sites to achieve the ideal tissue contrast and achieve the best tissue resolution.



## 700/700LED one key low light (Endoscope)

The operation shadowless lamp is equipped with a one-key low light (endoscope) lighting mode, which is convenient for the surgeon to quickly switch from the general mode.It does not interfere with the doctor's field of vision and the observation of tissues during endoscopic surgery.

General mode



700LED Endoscope Mode

## Main Technical Data

| 700/700LED Adust Color Temperature | |
|---|---|
| Illuminance | ≥160,000Lux ≥160,000Lux |
| Colour temperature | 3800±500K 4400±500K 5000±500K |
| Colour reduction index(Ra) | 96 |
| Total irradiance | 544W/m² 544W/m² |
| Size of light field | 250-300mm |
| Service life of illuminant | 60,000h |
| Power supply voltage | AC110-240V 50/60Hz |
| Lowest height of installation | 2900mm |
| Total power consumptio | 160W |
| Total LED bulb quantity | 216 pcs （18*6+18*6） |
| Illuminance depth | ≥1400mm |
| LED bulb | 3.3mW/m²lx |
| Camera parameters | |
| Effective Pixels | 2.37 Mega Pixels |
| Digital Zoom | 12x (120x with optical zoom) |
| Optical zoom | 10x |
| LENS FOCUS | f=3.8mm (wide) to 38mm (tele) |
| F value | F1.8 to F3.4 |
| Best Imaging of illuminance | 100Lx-10000Lx |
| S/N Ratio | ＞50 dB |
| Dimensions (W x H x D) | 45.6 mm x 48.8 mm x 78.0 mm |
| Weight Approx. | 210 g |
| Best imaging illumination | 100Lx-10000Lx |