



Our products are distributed in over 180 countries around the world.

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ISO13485:2016 

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KS-300 Series

LED Minor Surgical Lamp



WeChat



WhatsApp



Advantages of LED Technology

LED technology is a technology of the future, environmental friendly. Easywell operating lamps have been manufactured with the highest concern for the natural environment. The high efficiency of these light sources results in low energy consumption. Indirectly it affects the reduction of carbon emission and contribute to stop global warming. Low energy consumption is also a measurable economic benefit.

LED technology also helps to protect our health. Light Source in LED technology produces no harmful UV rays.

Light intensity adjustment system provides constant light field distribution in the whole range of intensity control.

Light field diameter adjustment system maintaining a constant level of light intensity over the entire range of adjustment.



Color temperature adjustment

Wide range of color temperature adjustment enables changing the contrast of the observed tissue and reduces fatigue of operating surgeon, which affects the comfort and ergonomics of the medical staff.

"Ultra-high color rendering LEDs" achieve reliable visibility and distinguishability

We used "Ultra-high color rendering LEDs" to achieve a high index of 96 for the Ra and R9 value. This corresponds to red (blood) in the special color rendering index (Ri), an index that includes colors close to the human body. This makes the colors of blood, organs, and tissue in the operative field more visible and distinguishable, helping improve the precision of operations.

Light which brings out an object's true color and quality

Compared to ordinary LEDs, Medical LEDs have a spectrum closer to that of sunlight, and can bring out an object's true color and quality. Human eyes see the light reflected off an object to recognize that object. Medical LEDs can express that reflection more accurately and illuminate more true.

Better light in endoscopic surgeries

The endo LED function provides comfortable lighting during endoscopic surgery.

5 inch control system



KS-3030C+M Ceiling type-Double arm



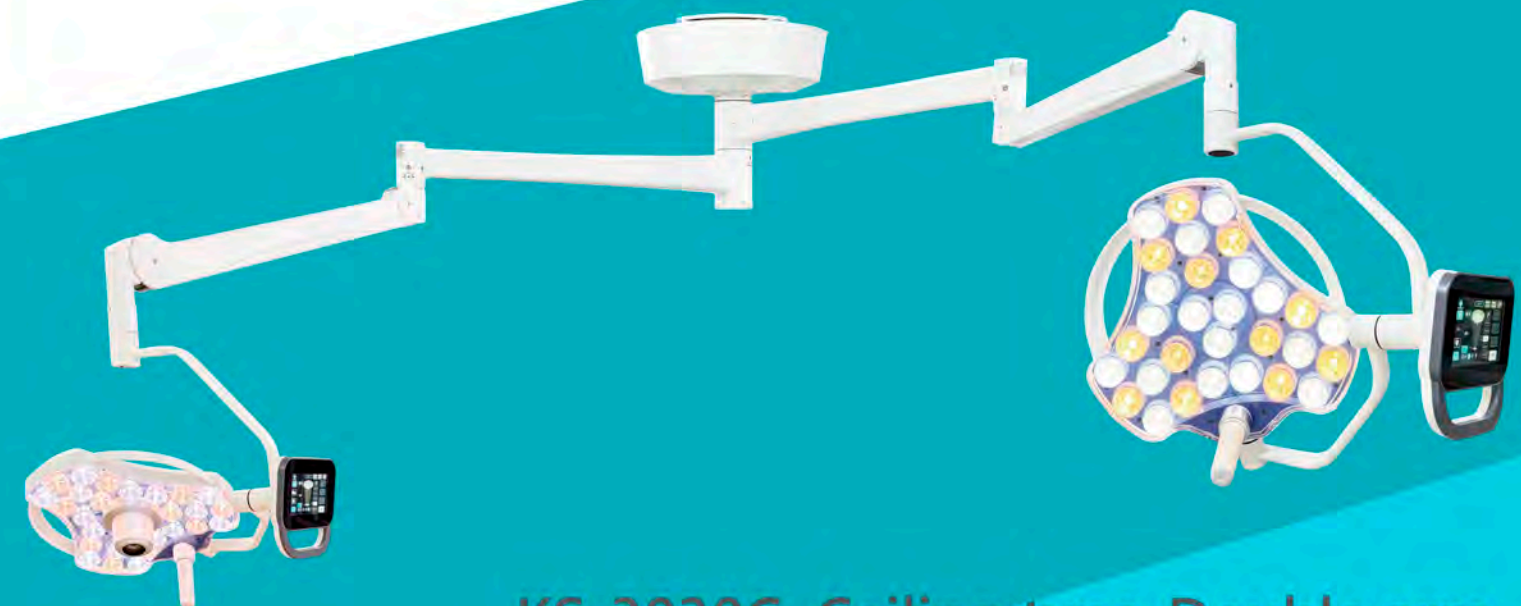
5 inch wireless handheld control system

Configurable 10 inch wired/ wireless wall control system



Monitors - sets of the operating lamps can be optionally equipped with monitors displaying an image.

Sterile control handle enables precise positioning of the lamp and can be sterilized in an autoclave.



KS-3030C Ceiling type-Double arm



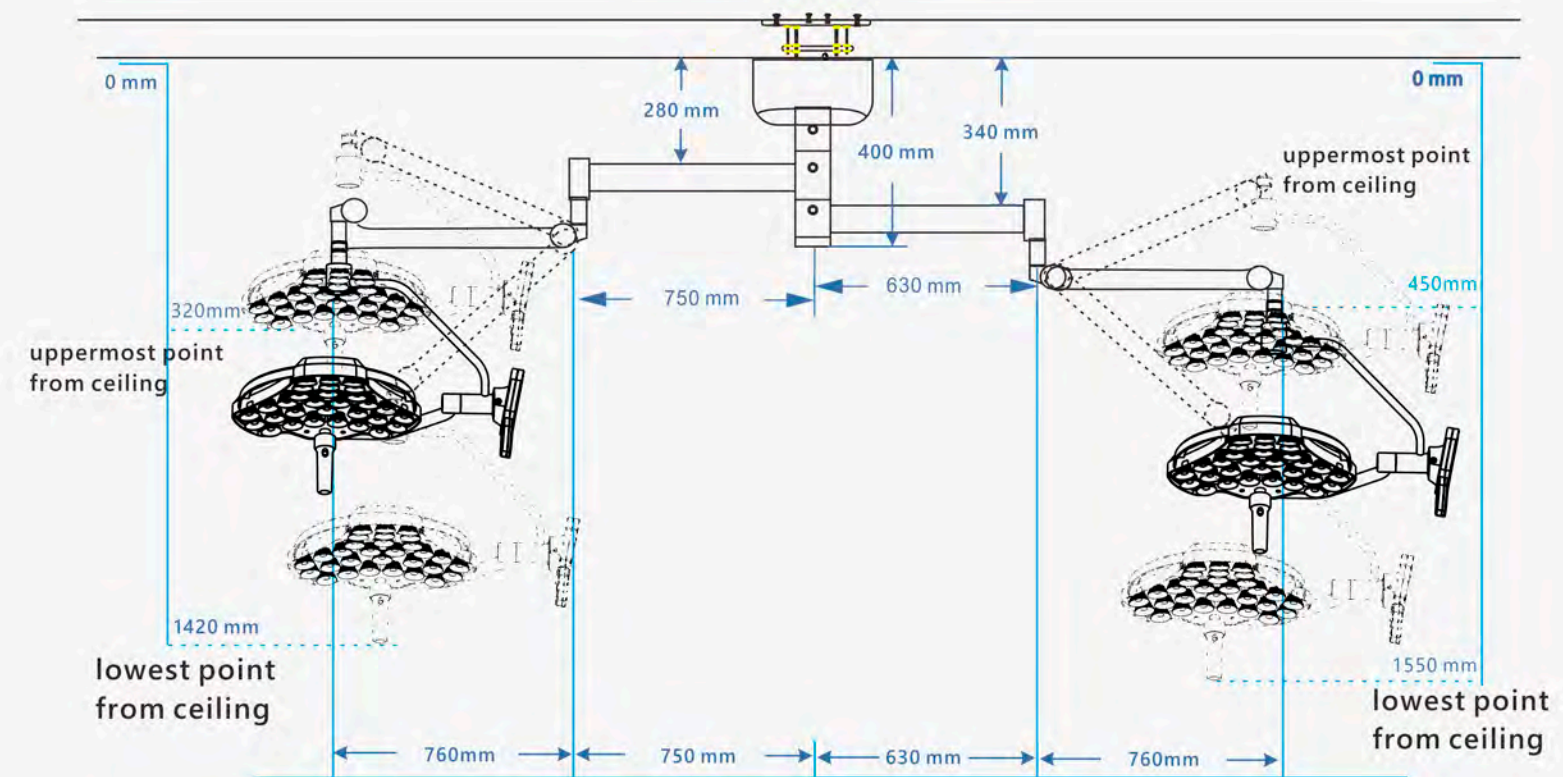
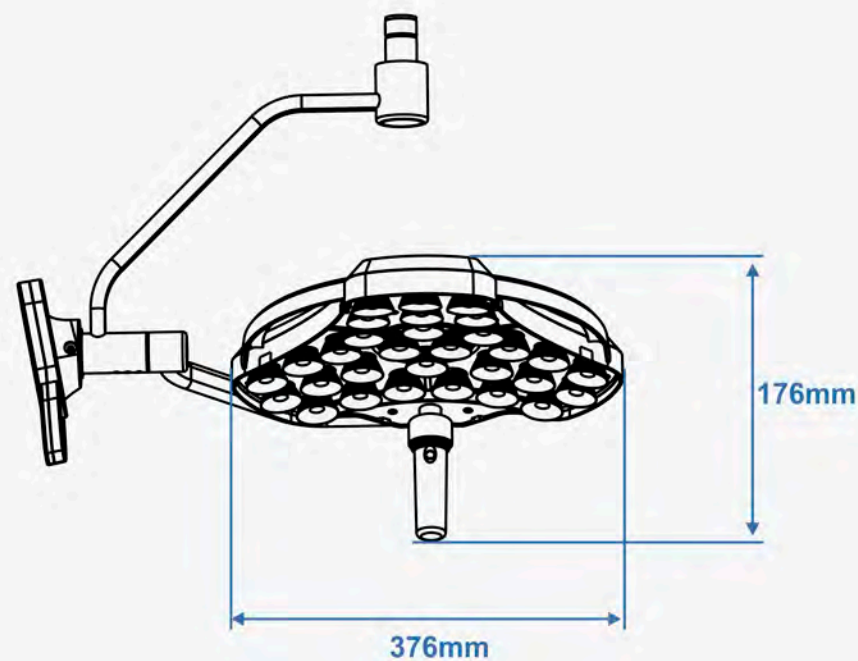
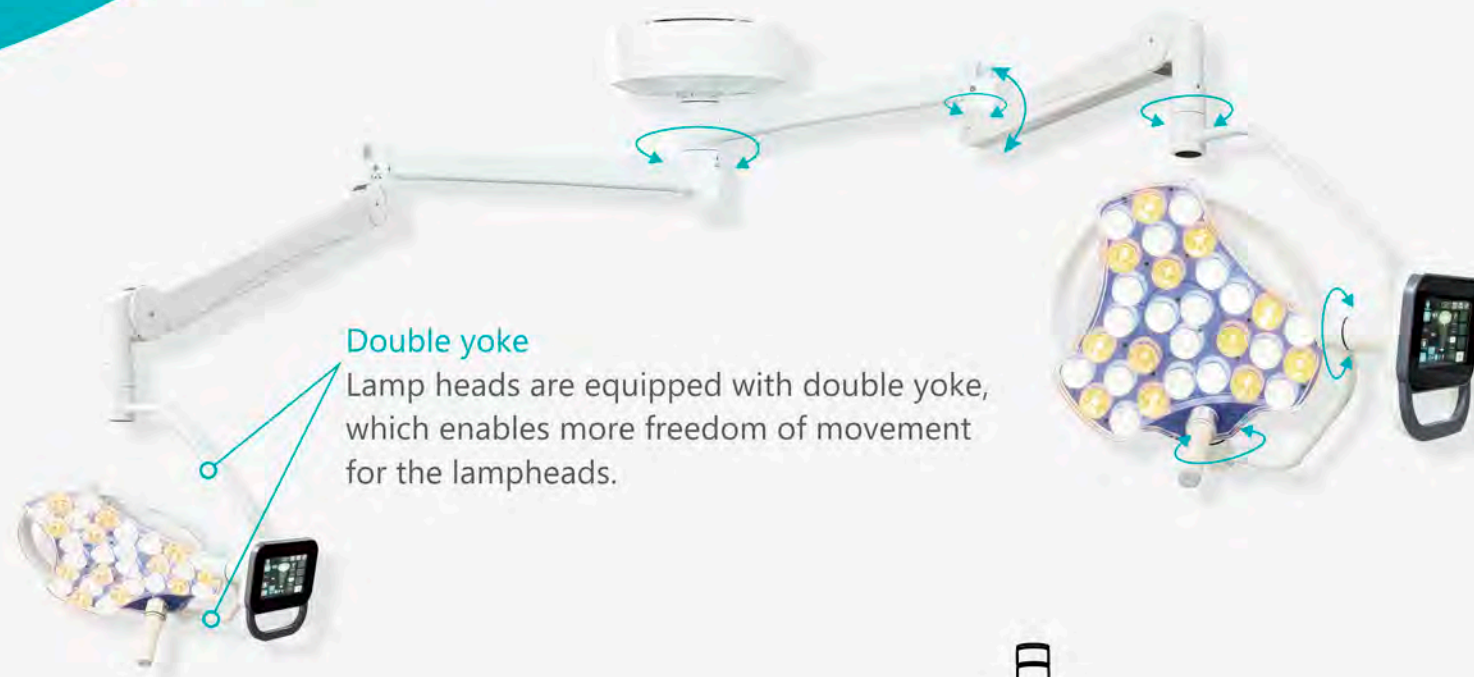
Optional HD Panasonic Camera SDI output /
HD Panasonic Camera with wireless video transfer

Operating lamps can be optionally equipped with a camera, designed to monitor and record the course of operations and wireless remote control.

Upgrading to a high quality HD camera is possible at any time. The sterile handle no longer has to be replaced, because the camera is located directly in the light head and is protected by a transparent cover.

Model of Camera	Panasonic FHD Camera FHD82
Image sensor	1/3 inch CMOS Panasonic
Effective pixel (Resolution)	2,300,000.00 Million pixel (1920H×1080V)
Resolution (video)	1080P@60FPS
Electronic Shutter	1/25 (1/30) s to 1/30000s
Exposure control	Auto compensation
White balance control	Automatic, automatic tracking white balance, one button, manual
Camera lens	10x optical zoom
Digital focus zoom	12x (120x with optical zoom)
Video output	HD-SDI or Wireless

KS-3030 Ceiling type-Double arm



Model	KS-300 Series
External Lamphead Diameter	376mm
Input Voltage	100-240V
Illumination intensity Ec @100cm distance	120,000Lux± 20%
Adjustable Light field size @100cm distance	150-250mm (3 levels adjustable)
Illumination light field diameter D10	215mm
Illumination light field diameter D50	120mm
Adjustable Color temperature	3500-5500K (5 Levels)
Color rendering index Ra	96
Red color rendering index R9	96
Depth of illumination L1+L2 (20%)	2550mm
Depth of illumination L1+L2 (60%)	660mm
The total radiation intensity Ee	349 W/m2
The ratio of irradiance Ee to Ec	3.8 mW/(m2•lx)
Number of LED modules	30 pcs
Average life time of LED	≥ 50000h
Power consumption(VA)	50 (Single), 100 (Dual)
Sterilized handle	Length =90mm , D=28mm x 2 pcs
Standard function	Intensity /Color temperature/light spot adjustable, Endo mode, Synchronic /mutual control(dual head), Camera parameter adjustable (camera)
Mounted Type	Ceiling: Double/Single arm ,Mobile , Wall mounted, Battery Back-up
Option	Integrated Panasonic HD camera, 32 inch medical 4K monitor,wall mounted control, remote control

Mobile stand type

This is a mobile type that allows for flexible use when necessary, such as an auxiliary light during operation or for emergency treatment. The anti-static castors are equipped with brakes to ensure maximum stability.

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(option) equipped with a batteries enables the use of light in any environment.

Battery

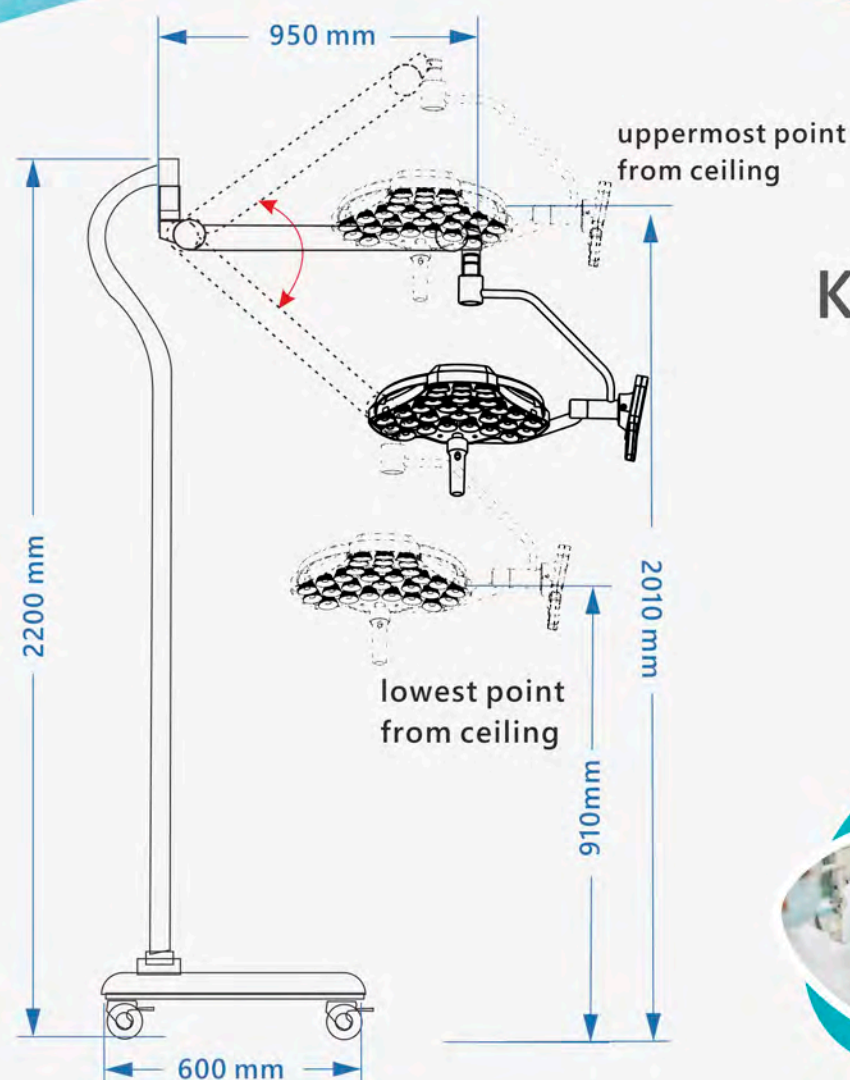


Using time of battery: 2.5 hours
Battery charging time: 6 hours



KS-300 Mobile type

option



Patient rooms



Intensive care units



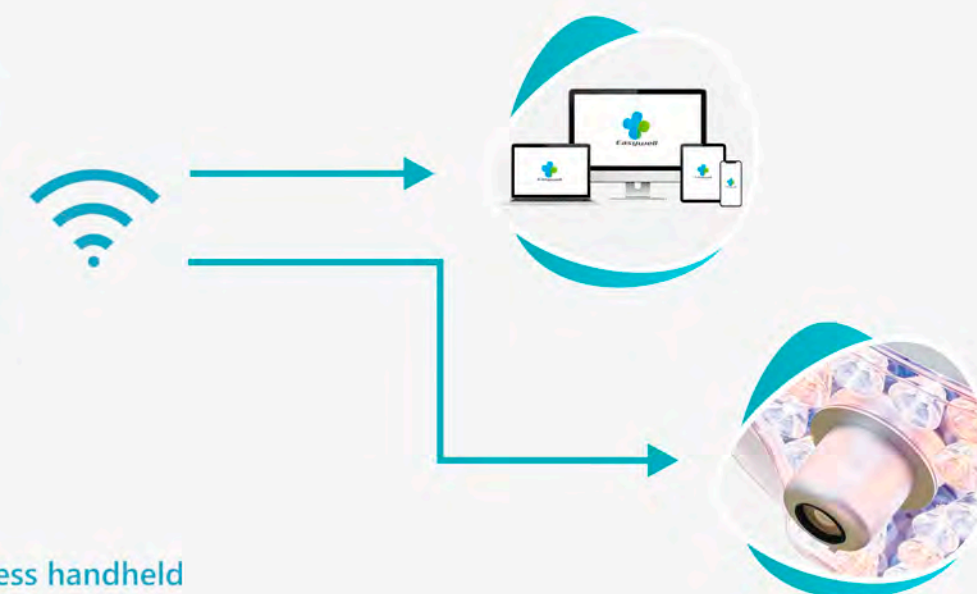
Veterinary



Configurable 10 inch wired/
wireless wall control system



5 inch wireless handheld
control system



KS-300 Ceiling type-Single arm

Ceiling mounted is recommended for operating theatres and surgeries of reduced dimensions where space saving is required.



KS-300 wall mounted



Wall mounted is recommended for operating therapies and surgeries of reduced dimensions where space saving is required.

The lamp can be folded back against the wall when not in use.

The wall-mounted is also recommended when one lamp needs to be shared between two beds (for example, in emergency rooms, recovery rooms, re-animation etc.)

