Suricon **WYNN** **Medical**

MEDICAL GAS INSTALLATION

PRODUCT CATALOG

PT. SURICON GEMILANG KARYA

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OUR SERVICE

Medical Gas Installation

Nurse Call System

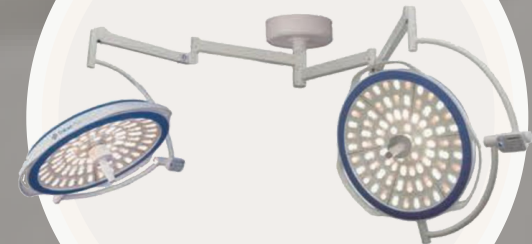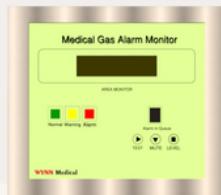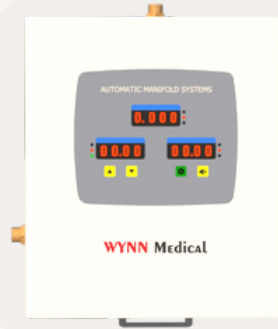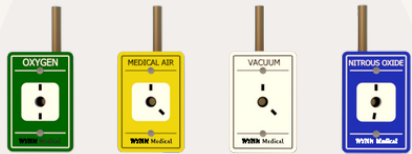MOT (Modular Operating Theatre)

ABOUT US

Our company engaged in the procurement and maintenance of medical gas, Nurse Call System, and Modular Operating Theater (MOT) to support Hospitals reach their goals. We are always consistent and committed to maintaining the existence of performance and providing the best service to customers.
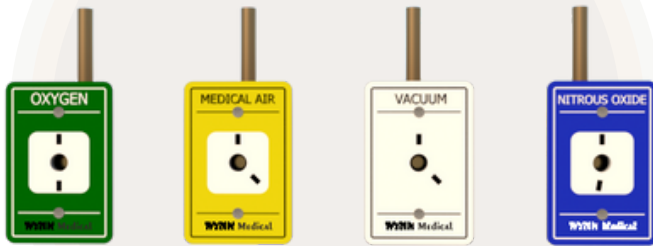
In carrying out installation projects, the standards that we use as role models are the Health Technical Memorandum (HTM 2022), the National Fire Protection Association (NPFA 99), the Australian Standard (AS 2896) and Minister of Health regulations.
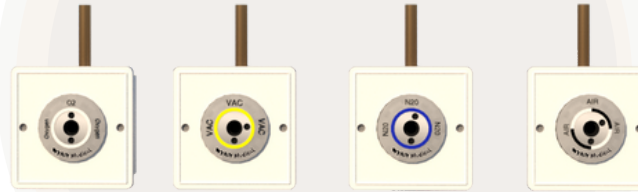
PRODUCT
CATALOG

WYNN Medical

Medical Gas Installation

Medical Gas Outlet **I** Bed Head **I**
Automatic Gas Manifold **I** Box
Valve **I** Medical Gas Alarm **I**
Pendant **I** Operating Light

OXYGEN
MEDICAL AIR
VACUUM
NITROUS OXIDE
WYNN Medical

AUTOMATIC MANIFOLD SYSTEMS
0.000
0.00
0.00
WYNN Medical

Medical Gas
SHUT OFF VALVE
WYNN Medical

GAS ALARM
OXYGEN
NITROUS OXIDE
COMPRESSED AIR
VACUUM
RESET   TEST   MUTE
WYNN Medical

Medical Gas Alarm Monitor
AREA MONITOR
Normal Warning Alarm
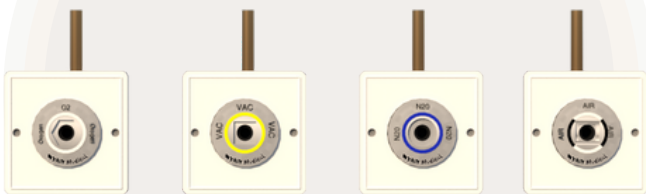WYNN Medical

WYNN Medical

OHMEDA

JIS

DINN

SIS

MEDICAL GAS OUTLET

FUNCTION

Gas Wall Point Outlet is a unit in the final distribution point for the medical gas installation system. Its function is to open and close the flow of medical gas.

HOW TO USE

Channeling medical gas through the gas outlet connector and can be connected to several equipment such as flowmeters and ventilators.
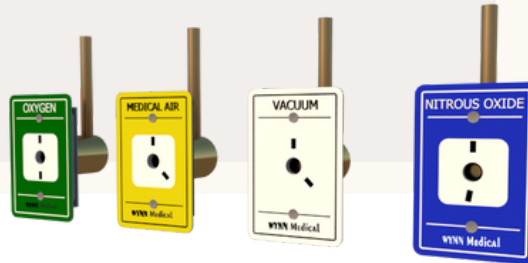
SETTING UP

The outlet is mounted to the wall with a wall mounting system, bed head mounting or pendant mounting.
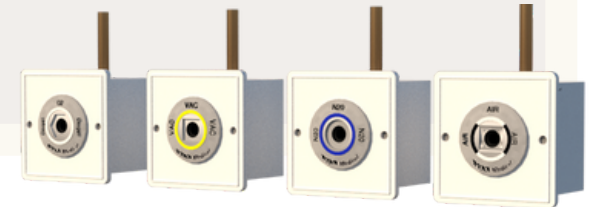
MEDICAL GAS OUTLET SPECIFICATION

Ohmeda Type

- Model: Quick Connect Ohmeda
- Gas Type: O2, Air, N20, Vacuum, Nitrogen, CO2
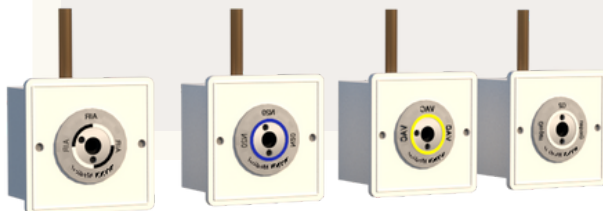- Each Gas is distinguished by a coloring system

DINN Type

- Model: DIN (German Standart)
- Gas Type: O2, Air, N20, Vacuum, Nitrogen, CO2
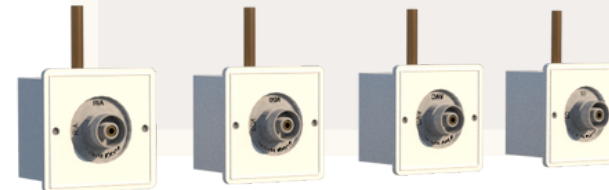- Each Gas is distinguished by a coloring system

JIS Type

- Model: Pin Index JISS (Japan Standart)
- Gas Type: O2, Air, N20, Vacuum, Nitrogen, CO2, Instrument Air (Air 8 Bar)
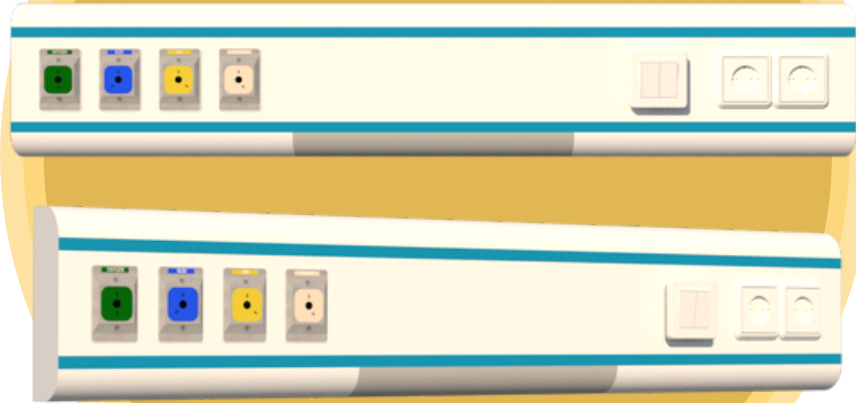- Each Gas is distinguished by a coloring system

SIS Type

- Model: SIS Screw
- Gas Type: O2, Air, N20, Vacuum, Nitrogen
- Each Gas is distinguished by a coloring system

BED HEAD

SPECIFICATION

- Material: extruded aluminium with powder coating
- Size: 1200x200x55 mm (customable)
- Colour: White (customable)
- Optional: Reading Lamp, Light Switch, dan Power Socket.

FUNCTION

Bed Head is a container to accommodate light switch, outlets, power sockets as a source of electricity, also a reading lamp. The Piping and wiring installation are neatly hidden inside. Customer can choose colors to suit certain concepts and themes.

SETTING UP

Bed Head can be installed in the patient room, near the patient bed.

HOW TO USE

Close up section on medical equipment installation. Such as gas pipes and wiring installations, so they are safe and not exposed directly.

AUTOMATIC GAS MANIFOLD

Automatic gas manifold is suitable for hospitals that continuously consume medical gas cylinders. *How to use*, it is placed in the middle of dozens of gas cylinders connected to the manifold pipe. The gas is filtered, decompressed, and pressure stabilized before transported to its intended location. The gas manifold is fully automatic and has a pressure regulator with LED display. Pressure units are provided in mpa or psi bars for maintenance control.

SPECIFICATION

- LED Display full automatic manifold
- Closed box without interference
- Stainless steel diaphragm reducer, better to control flow
- With alarm system and remote alarming
- Sustainable supply and control circuit when the power failure
- Input: 15Mpa, output: 200m3/h,0.4-0.8Mpa
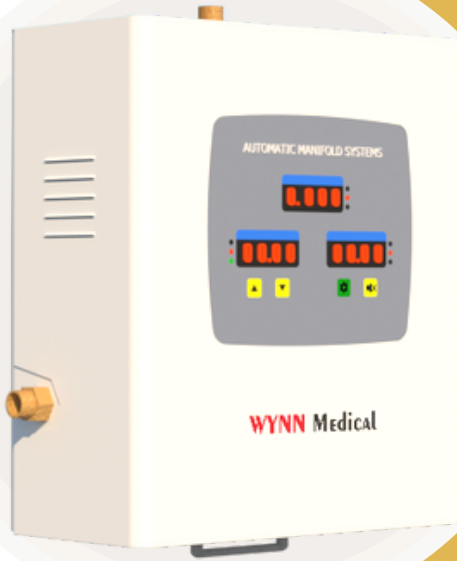
BOX VALVE

FUNCTION

Box Valve as a Shut-OFF Zone Valve (SOV). Its function is to close the gas line if theres an abnormal pressure occurs or when there's gas pipe being repaired.

HOW TO USE

On the inside of the Box Valve there is valves on each gas line. Valve is operated manually to close or open the gas flow.

SETTING UP

Installed in an accessible area. Installed next to the gas alarm.

Medical Gas
SHUT OFF VALVE

OXYGEN

MEDICAL AIR

VACUUM

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SLIDE to OPEN
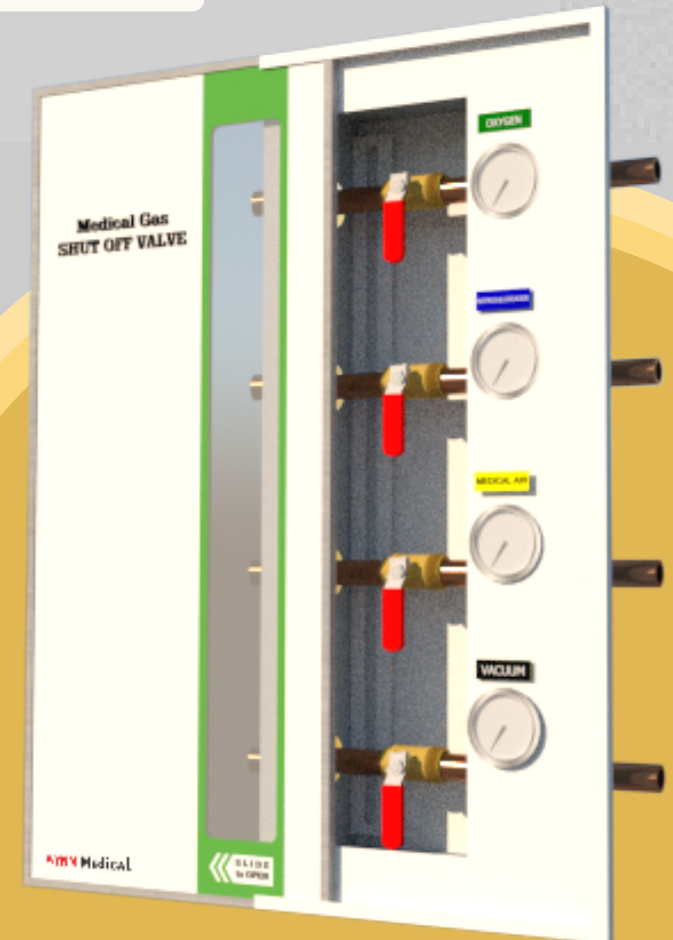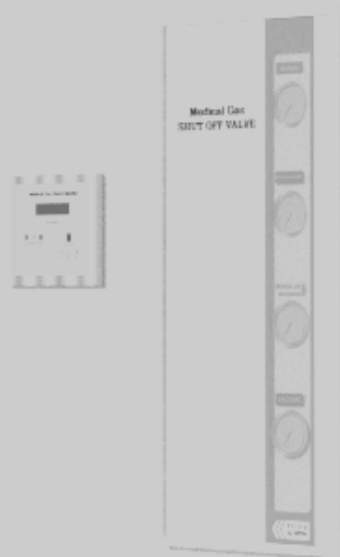
BOX VALVE
SPECIFICATION

- Model: Sliding
- Material: Steel with powder couting finished; Acrilyc
- Available for 1 To 5 gas (customable)
- Each Gas is distinguished by a coloring system

BOX VALVE
5 GAS
Dimention:
400x134x1130 mm

BOX VALVE
4 GAS
Dimention:
400x134x920 mm

BOX VALVE
3 GAS
Dimention:
400x134x715 mm

BOX VALVE
2 GAS
Dimention:
400x134x510 mm

BOX VALVE
1 GAS
Dimention:
400x134x305 mm

ANALOGUE GAS ALARM

SEMI DIGITAL GAS ALARM

MEDICAL GAS ALARM

FUNCTION

Gas pressure warning system. Medical pressure is always monitored, it makes the operator easier to find out whether there is a lack of pressure or excess pressure through the sound and indicator lights. It shows numbers with bar pressure units.

HOW TO USE

When there is a decrease or increase in gas pressure, the buzzer will beep and the indicator light will light up. When the pressure is normal, the green light up. When the pressure is high, the red light up, and when the pressure is low, the yellow light up and will flash if the gas pressure is very low.
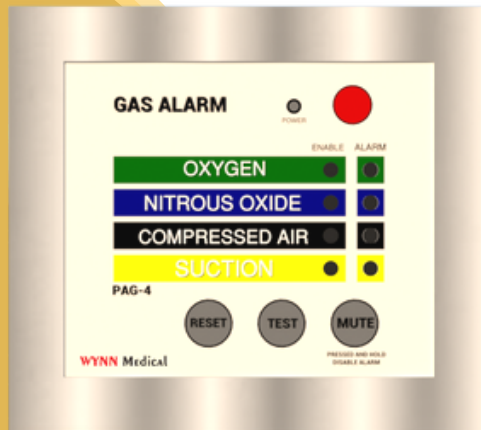
SETTING UP

The Gas Alarm is mounted on a wall in an area that is accessible to hospital staff and connected with a medical gas pipe to the central medical gas.

ANALOGUE GAS ALARM

- Model: Analogue
- Input for 4 unit pressure switch: Oxygen, Vacuum, Medical Air, Nirous Oxide (sesuai permintaan)
- Notification Alarm: LED dan BUZZER Indikator
- Other Feature: TEST, RESET and MUTE button
- Electrical: input 220 volt / 22 Va / 50 Hz / 1 Phase; Dry contact Input pressure switch (max resistance 120 ohm)
- Dimention: Outbow 17,5 x 15,5 x 1,0 cm; Inbow 16,5 x 12,5 x 6,5 cm
- Each Gas is distinguished by a coloring system

SEMI DIGITAL GAS ALARM
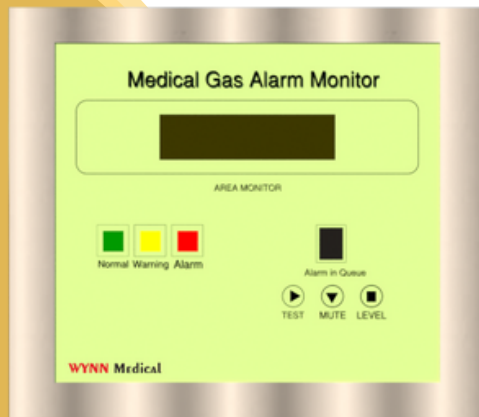
- Model: Semi-Digital
- Input for 8 unit pressure switch: Oxygen, Vacuum, Medical Air, Nitrous Oxide, Carbon Dioxide, Nirtrogen, Tool Air, Scavening (sesuai permintaan)
- Notification Alarm: Message, LCD dot matrix character
- Other Feature: Tersedia tombol TEST, MUTE dan BUZZER LEVEL
- Electrical: Panel inpt 220 volt / 22 Va / 50 Hz / 1 Phase; Dry contact Input pressure switch (max resistance 120 ohm)
- Dimention: Outbow 20,0 x 23,0 x 1,0 cm; Inbow 16,5 x 20,0 x 6,5 cm
- Each Gas is distinguished by a coloring system

PENDANT

SETTING UP

Medical Pendant is installed on the ceiling of the operating room or ICU room.

FUNCTION

Medical Pendant functions as a tool in the operating room and ICU room. Equipped with a socket as a source of electricity and a gas outlet that is connected to the medical gas installation network. The medical pendant can be rotated or shifted to suit the doctor's needs in treating patients. Equipped with drawers and shelves that can be used as a place for instruments or other medical devices.

HOW TO USE

Covering parts in medical gas installations such as hoses and cable installations, can be rotated or shifted so that they are more flexible.

SINGLE ARM PENDANT

ICU BRIDGE PENDANT

DOUBLE ARM PENDANT
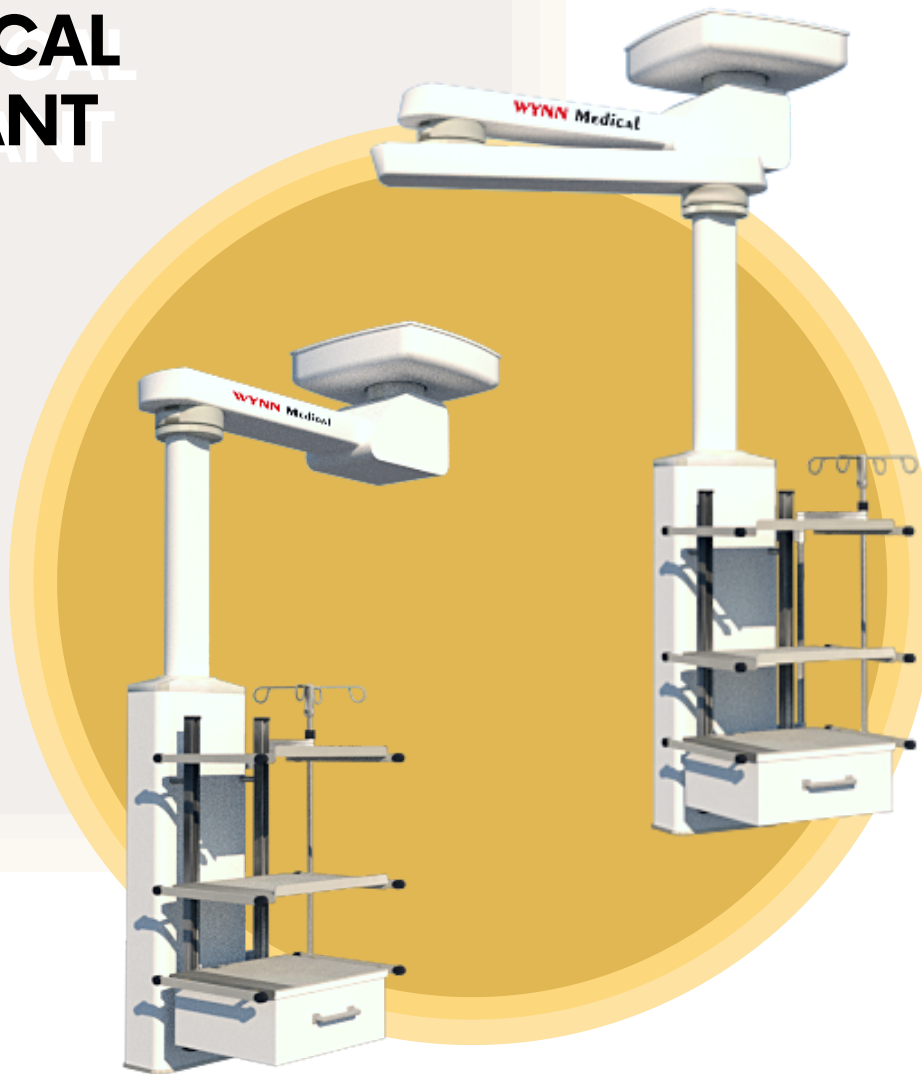
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ANESTHESIA PENDANT

SPECIFICATION

- Model: Single Arm and Double Arm
- Brake System: Manual / Electric
- Type: Anasthesia
- Arm Length: 750mm (customable)
- Column Length: 600mm – 1200mm (customable)
- Rotate Angle: 340°
- Optional: Gas Socket, Electrical Socket, IV pole

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SURGICAL PENDANT

SPECIFICATION

- Model: Single Arm and Double Arm
- Brake System: Manual / Electric
- Type: Anasthesia
- Arm Length: 750mm (customable)
- Column Length: 600mm – 1200mm (customable)
- Rotate Angle: 340°
- Optional: Gas Socket, Electrical Socket, IV pole

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ICU BRIDGE PENDANT

SPECIFICATION

- Model: ICU Bridge
- Brake System: Manual / Electric
- Type: Anasthesia
- Arm Length: 750mm (customable)
- Column Length: 600mm – 1200mm (customable)
- ·ICU Bridge Beam Length: 2400-2300mm (customable)
- Optional: Gas Socket, Electrical Socket, IV pole

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OPERATING LIGHT

SETTING UP

An operating Light is an LED or incandescent that can be installed on the ceiling of the operating room or ICU room.
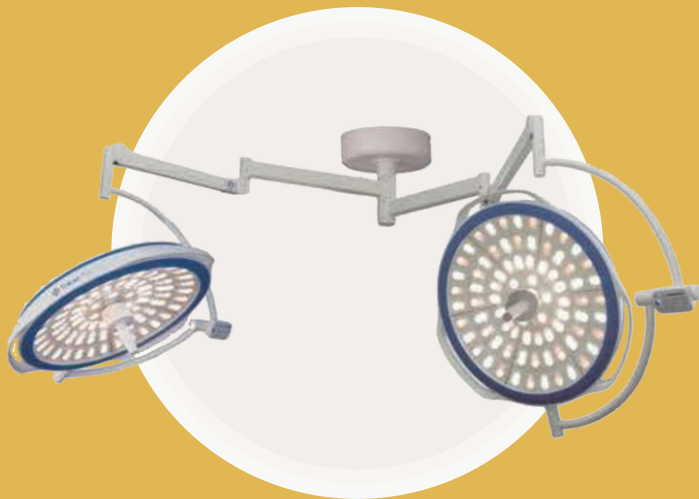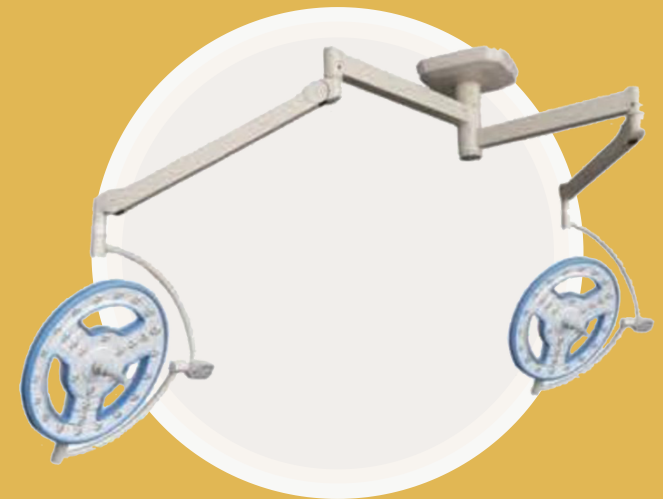
CRELED 5500/5700

FUNCTION

Its function is to illuminate the operative site on and/or within a patient for ideal visualization during a surgical procedure. With proper lighting in operating room there'll be higher level of efficacy during surgery and reduce the risk of complications.
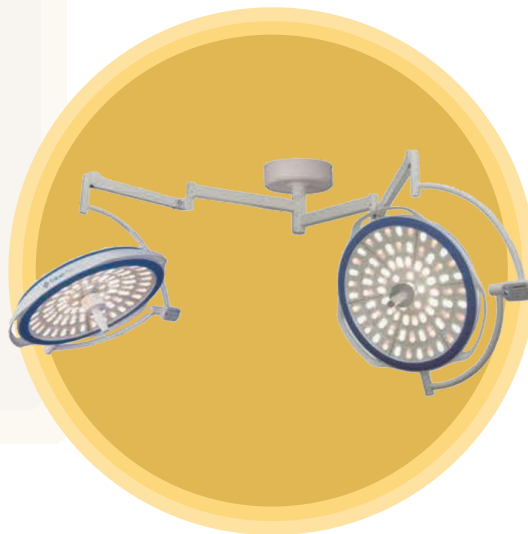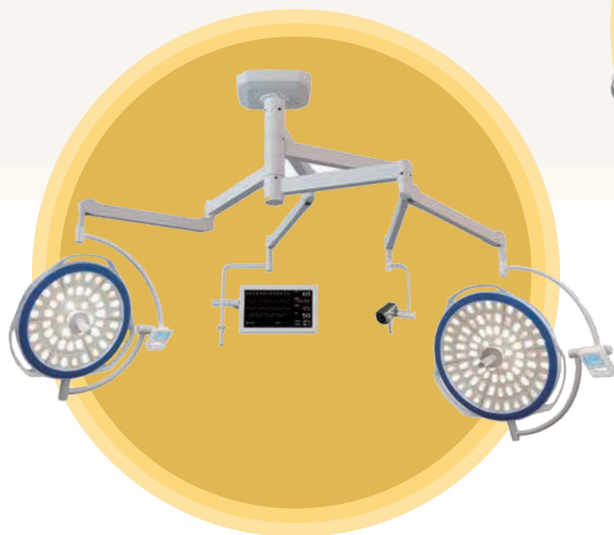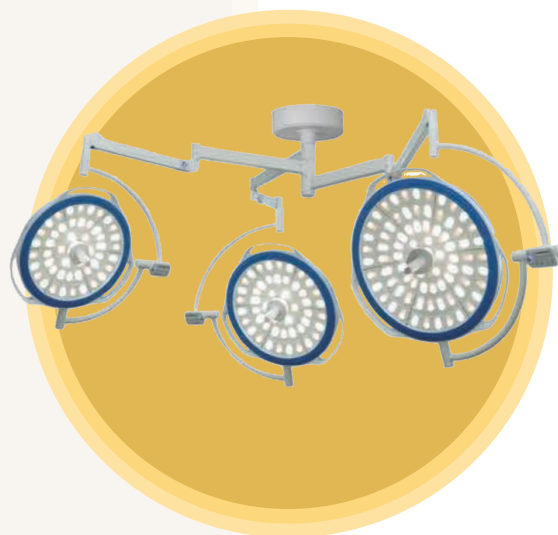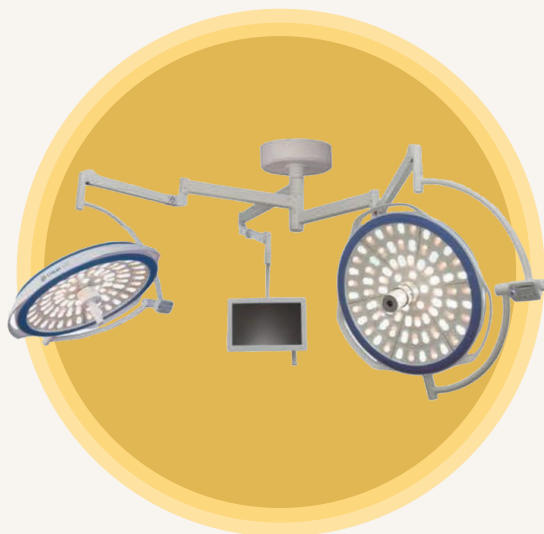
CRELED 3300/3400

HOW TO USE

These lights have handles that allow the surgeon and perioperative team to adjust the lighting for the best visualization and to help prevent glare and optimize visualization of the surgical site.

HOLLOW CRELED 5500/5700

CRELED
5500/5700

CRELED	5500	5700
Lamp Head Diameter	500	700
Quantity of LED Bulbs	48	78
Illumination (Lux)	60.000-140.000	80.000-160.000
Color Rendering Index (Ra)	≥96	≥96
Colour Temprature (K)	3500-5000	3500-5000
Lighting Depth (mm)	≥1200	≥1200
Spot Diameter (mm)	150-350	150-350
Dimming Range	12 levels	12 levels
Operation Mode (Background, SUrface, Deep Cavity and Normal Mode)	Yes	Yes
Bulb Service Life (hours)	≥50.000	≥50.000
Camera System 2.3 mega pexel Sony	Optional	Optional
LCD Control Panel	Optional	Optional
Hardisk 1 TB	Optional	Optional
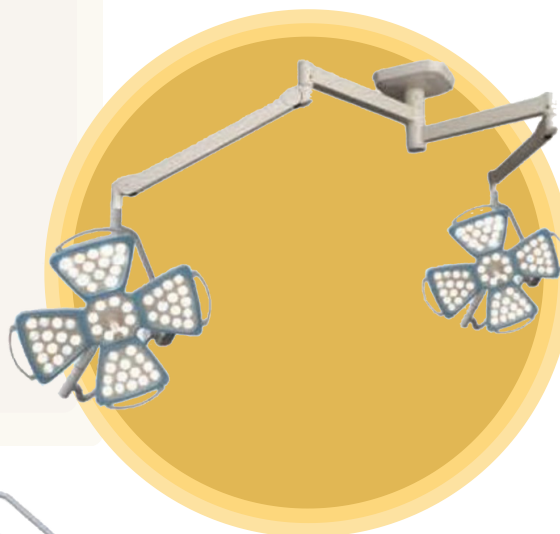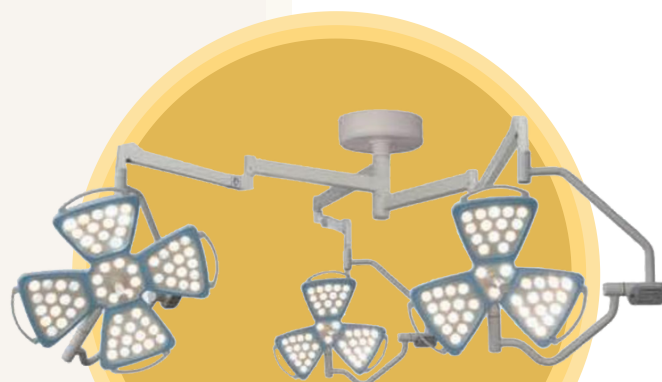
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CRELED
3300/3400

CRELED	3300	3400
Lamp Head Diameter	600	700
Quantity of LED Bulbs	45	64
Illumination (Lux)	60.000-130.000	80.000-160.000
Color Rendering Index (Ra)	≥95	≥95
Colour Temprature (K)	3500-5000	3500-5000
Lighting Depth (mm)	≥1200	≥1200
Spot Diameter (mm)	150-350	150-350
Dimming Range	12 levels	12 levels
Operation Mode (Background, SUrface, Deep Cavity and Normal Mode)	Yes	Yes
Bulb Service Life (hours)	≥50.000	≥50.000
Camera System	Optional	Optional
LCD Control Panel	Optional	Optional
Hardisk 1 TB	Optional	Optional

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HOLLOW CRELED 5500/5700

SPECIFICATION

HOLLOW CRELED	5500	5700
Lamp Head Diameter	500	700
Quantity of LED Bulbs	21	30
Illumination (Lux)	60.000-120.000	80.000-160.000
Color Rendering Index (Ra)	≥95	≥95
Colour Temprature (K)	4000 ±500	4000 ±500
Lighting Depth (mm)	≥1200	≥1200
Spot Diameter (mm)	150-350	150-350
Dimming Range	12 levels	12 levels
Operation Mode (Background, SUrface, Deep Cavity and Normal Mode)	Yes	Yes
Bulb Service Life (hours)	≥50.000	≥50.000
Camera System	Optional	Optional
LCD Control Panel	Optional	Optional
Hardisk 1 TB	Optional	Optional

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YEAR
2023