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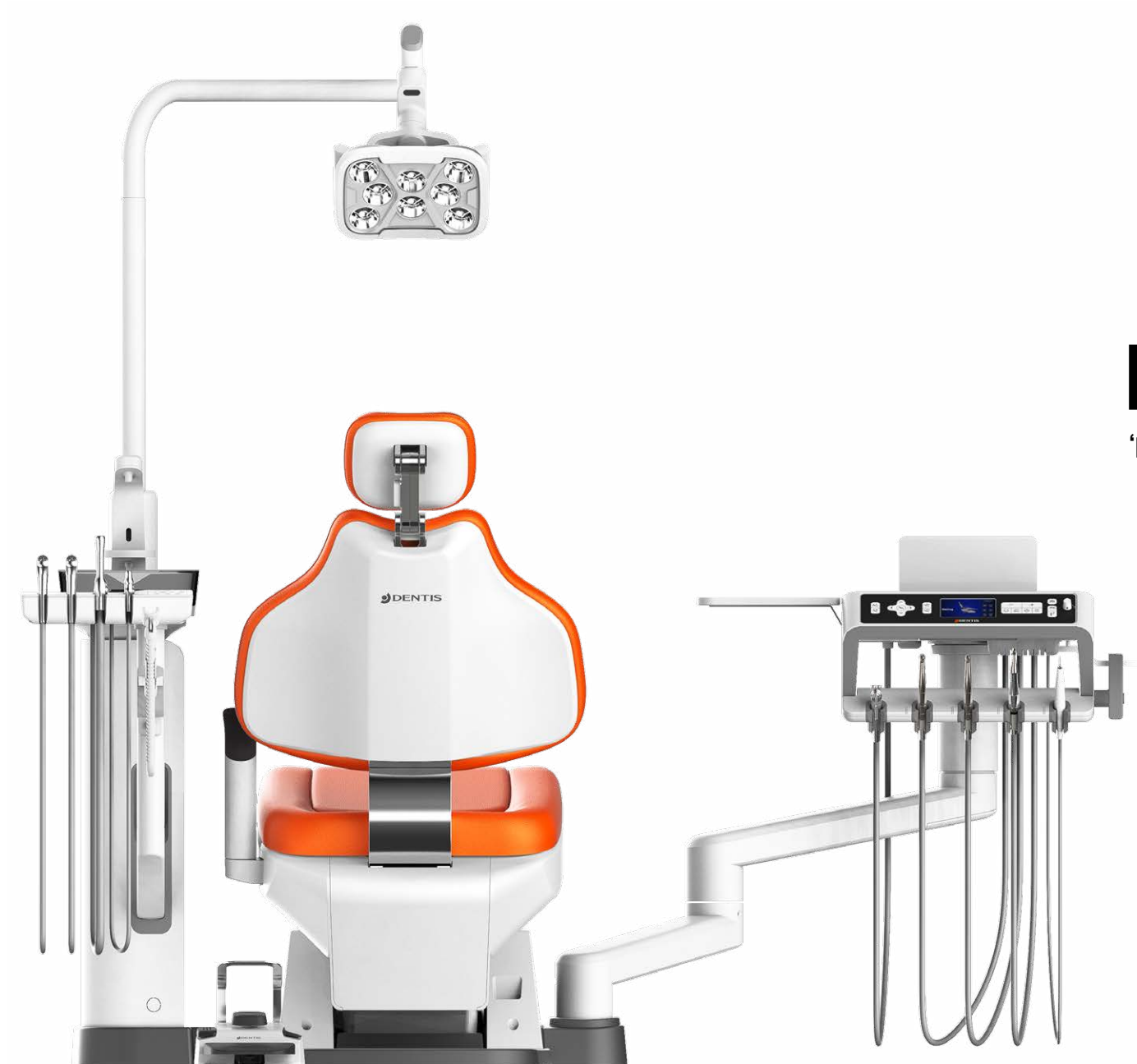
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# LUVIS CHAIR

'LUVIS' unparalleled quality

**DENTIS**



# Global Standard, LUVIS



## LUVIS - Dentis LED Light System

The No.1 shadowless surgical light brand, LUVIS, has not only achieved the No. 1 spot in domestic sales based on its outstanding product quality but is also actively exported to 80 countries worldwide. LUVIS, which won domestic and international design awards (IF, GD, etc.) and was selected as a next-generation world-class product, changed the paradigm in the medical device field. Based on more than 15 years of development know-how and clinical data, **LUVIS CHAIR** has been released.



## LUVIS CHAIR

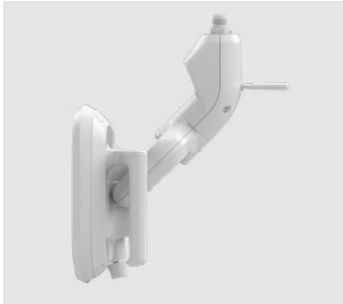
LUVIS CHAIR is designed with ergonomic design in consideration of various treatment environments for doctors and patients. LUVIS CHAIR, developed based on outstanding **technology**, has the advantages of **comfort**, **convenience**, and **safety**. In addition, the slim and powerful design also increases space efficiency and provides the best treatment environment for doctors and patients.

Slim  
and Strong

# Technology



The Hybrid LED System applied to Luvis Light saves energy and reduces heat emission, and provides various functions such as color temperature and pattern size control with low power consumption to help accurate and precise medical treatment.



## LUVIS LIGHT C700

It is a medical light installed in LUVIS CHAIR C Class. Bright illumination of 50,000 lx and wide optical patterns minimize shadowing and provide a high Ra value of 95 or more in \*CRI to reduce eye fatigue during treatment. In addition, it is a medical treatment light with the latest technology, such as a one-touch resin mode, a proximity sensor to prevent cross-infection, and a detachable handle.

\*\*In the color rendering index (CRI) value, Ra means average color rendering and the CRI of natural light is 100.



## LUVIS LIGHT C500 CAMERA

It is a medical treatment light installed in LUVIS CHAIR E Class and provides a high Ra value of 95 or more, three color temperatures in CRI, and bright illumination of 50,000lx. In particular, since it is possible to shoot and record through the built-in \*FHD high-resolution camera, it is used for patient counseling and helps to increase trust and consent rate for treatment. In addition, it is the best dental imaging solution equipment that can prevent cross-infection through proximity sensors and detachable handles.

\*High Quality(FHD, Full High Definition)



## LUVIS LIGHT S300

As an operating light installed with C700 in LUVIS CHAIR S Class, it provides bright illumination of 130,000lx and an excellent shadowless effect. High color rendering (Ra:95 / R9:96) reduces eye fatigue during surgery and clarifies the distinction between periodontal tissue and blood. It is a professional operating light optimized for the working room environment through a touch panel that intuitively identifies the current status, three modes suitable for the treatment environment, and color temperature and pattern size.

\*In the color rendering index (CRI) value, R9 means the reproduction value of the red index.

# Comfort

The wide backrest and comfortable seat evenly distribute the patient's weight and minimize fatigue during long hours of treatment. In addition, the chair's smooth movement provides comfort to the patient.



Z-type vertical operation

The low position makes it easy for patients to climb in and out, and the high function allows doctors to stand and practice, providing the best place for treatment.



Tilting function

When the chair is moved up and down, the backrest and seat are tilted together to prevent the patient from slipping when changing posture, and it is comfortable to maintain the patient's position as it is.

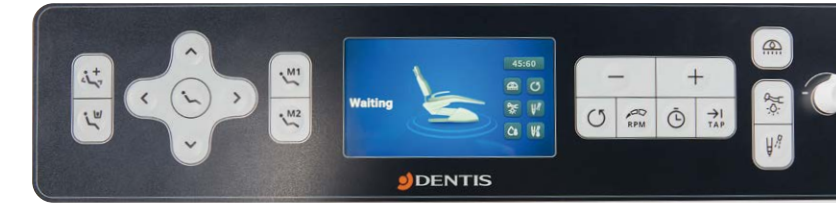
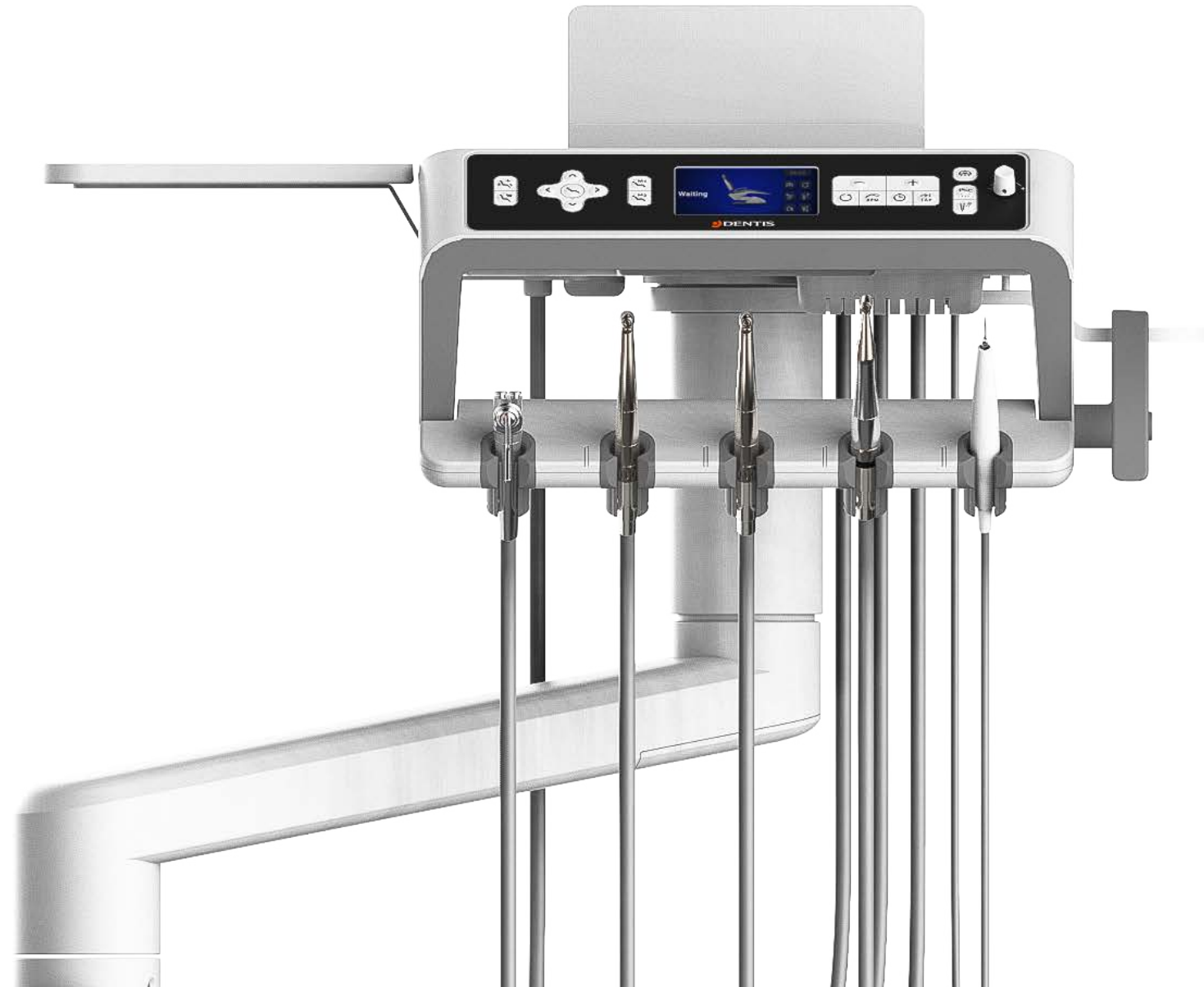


2-joint headrest

With various angle adjustments, all patients, including adults, children, and people with disabilities, can receive treatment in a stable position.

## Convenience

It provides convenience to the medical environment using various instruments. Doctor table, which is most often used during treatment, enables efficient treatment by increasing visibility and convenience. These convenient functions provide the best treatment environment for both surgeon and patient.



### Intuitive User Interface

Buttons necessary for chair operation are intuitively arranged, and more efficient treatment is possible through high visibility.



### Wide doctor table

An extension table is installed on the side to provide a vast table space. Many instruments and materials can be placed during treatment, enabling fast and efficient treatment.



### electric height adjustment

An electric motor is installed at the bottom of the table so that the height can be adjusted conveniently according to the operator, and it is stable even with heavy loads.

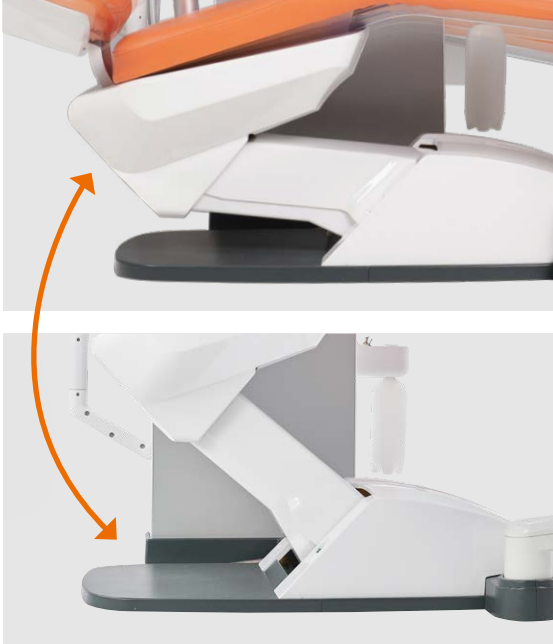
# Safety

Prevent various accidents that may occur during treatment, It is a chair that considers safety and hygiene by enabling communication between the operator and the patient.



Instrument holder

The angle of the instrument holder can be changed as desired by the user, preventing stabbing accidents and enabling safe treatment.



Bottom safety switch

If there is an obstacle while the chair is lowering, the chair automatically stops and rises to prevent safety accidents.



Pain notification system

If the patient is in pain during treatment, they can express their opinion by pressing the button at the bottom of the chair handle.



Rotatable cuspidor

The cuspidor rotates for convenient gargling, and when the patient pulls the cuspidor, the chair stops moving, and the safety mode is activated.



Odor Backflow Prevention System

It is cleaner and more hygienic by preventing the inflow of unpleasant odors from the pipe.

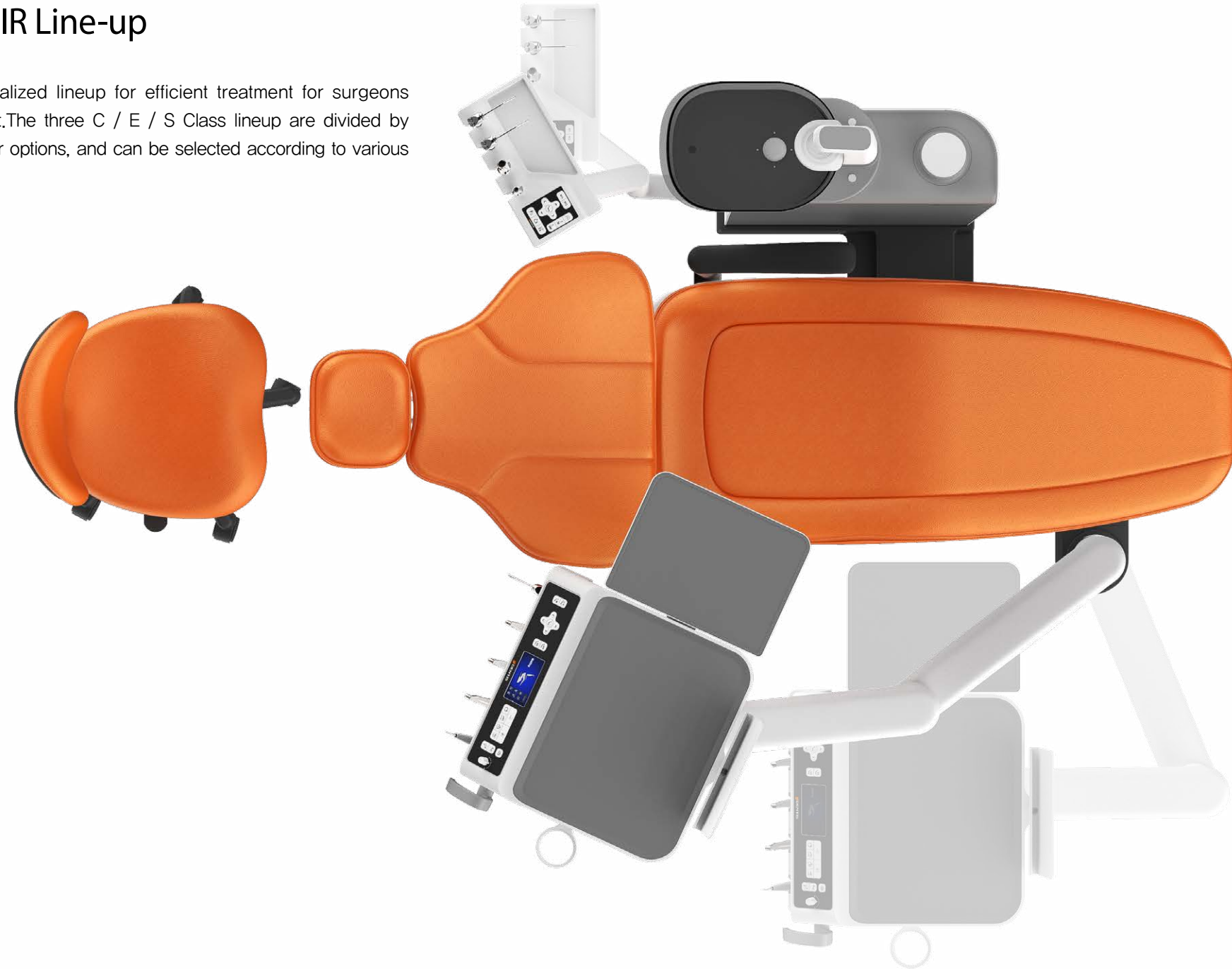


Washable suction filter

The washable filter is excellent for hygiene management.

## LUVIS CHAIR Line-up

There are a specialized lineup for efficient treatment for surgeons and patient comfort. The three C / E / S Class lineup are divided by LUVISlight and chair options, and can be selected according to various treatment styles.



## C Class

“C” in C Class is the initial of Clinic and is the basic model of LUVIS CHAIR. C700 LIGHT is installed as standard, and it is a chair equipped with essential functions required for clinics and is suitable for general treatment.



## E Class

“E” in E Class is the initial of Examination.

This model is equipped with the C500 CAMERA LIGHT for shooting and recording. It is a chair that is suitable not only for treatment rooms but also for preliminary examination room and operating room with video records, and it is a chair that can be used in various ways, such as producing clinical data necessary for precise diagnosis and treatment.



## S Class

“S” in S Class is the initial of Surgery, and the C700 and S300 surgical lights are installed.

The S Class is a surgical chair that optimizes the field of view during surgery through excellent shadowless effects and enables accurate surgery.

It is a top-of-the-line LUVIS CHAIR model equipped with a double cushion seat, convenient options, and an operating light.



Specification

| C Class    |    |                                                      |   | E Class    |    |                                                      |   | S Class    |    |                                                      |   |
|------------|----|------------------------------------------------------|---|------------|----|------------------------------------------------------|---|------------|----|------------------------------------------------------|---|
| Light      | 1  | LUVIS LIGHT C700                                     | ● | Light      | 1  | LUVIS LIGHT C700                                     | ○ | Light      | 1  | LUVIS LIGHT C700                                     | ● |
|            | 2  | LUVIS LIGHT C500 CAMERA                              | ○ |            | 2  | LUVIS LIGHT C500 CAMERA                              | ● |            | 2  | LUVIS LIGHT C500 CAMERA                              | ○ |
|            | 3  | LUVIS LIGHT S300                                     | ○ |            | 3  | LUVIS LIGHT S300                                     | ○ |            | 3  | LUVIS LIGHT S300                                     | ● |
| Unit Chair | 4  | Doctor table                                         | ● | Unit Chair | 4  | Doctor table                                         | ● | Unit Chair | 4  | Doctor table                                         | ● |
|            | 5  | assist table                                         | ● |            | 5  | assist table                                         | ● |            | 5  | assist table                                         | ● |
|            | 6  | monitor arm                                          | ● |            | 6  | monitor arm                                          | ● |            | 6  | monitor arm                                          | ● |
|            | 7  | cesspit hanger                                       | ● |            | 7  | cesspit hanger                                       | ● |            | 7  | cesspit hanger                                       | ● |
|            | 8  | compact console                                      | ● |            | 8  | compact console                                      | ● |            | 8  | compact console                                      | ● |
|            | 9  | chart stand                                          | ● |            | 9  | chart stand                                          | ● |            | 9  | chart stand                                          | ● |
|            | 10 | double cushion seat                                  | ○ |            | 10 | double cushion seat                                  | ○ |            | 10 | double cushion seat                                  | ● |
|            | 11 | Instrument hot water system                          | ○ |            | 11 | Instrument hot water system                          | ○ |            | 11 | Instrument hot water system                          | ● |
|            | 12 | dry air syringe                                      | ○ |            | 12 | dry air syringe                                      | ○ |            | 12 | dry air syringe                                      | ● |
|            | 13 | water pipe washing system                            | ○ |            | 13 | water pipe washing system                            | ○ |            | 13 | water pipe washing system                            | ○ |
|            | 14 | Odor Backflow Prevention Trap                        | ○ |            | 14 | Odor Backflow Prevention Trap                        | ○ |            | 14 | Odor Backflow Prevention Trap                        | ○ |
|            | 15 | helper system                                        | ○ |            | 15 | helper system                                        | ○ |            | 15 | helper system                                        | ○ |
| Hand piece | 16 | high speed 1: NSK S-Max M900L + PTL-CL-LED Coupling  | ● | Hand piece | 16 | high speed 1: NSK S-Max M900L + PTL-CL-LED Coupling  | ● | Hand piece | 16 | high speed 1: NSK S-Max M900L + PTL-CL-LED Coupling  | ● |
|            | 17 | high speed 1: NSK S-Max M800L + PTL-CL-LED Coupling  | ● |            | 17 | high speed 1: NSK S-Max M800L + PTL-CL-LED Coupling  | ● |            | 17 | high speed 1: NSK S-Max M800L + PTL-CL-LED Coupling  | ● |
|            | 18 | high speed 2 : NSK S-Max M900L + KCL-CL-LED Coupling | ○ |            | 18 | high speed 2 : NSK S-Max M900L + KCL-CL-LED Coupling | ○ |            | 18 | high speed 2 : NSK S-Max M900L + KCL-CL-LED Coupling | ○ |
|            | 19 | high speed 2: NSK S-Max M800L + KCL-CL-LED Coupling  | ○ |            | 19 | high speed 2: NSK S-Max M800L + KCL-CL-LED Coupling  | ○ |            | 19 | high speed 2: NSK S-Max M800L + KCL-CL-LED Coupling  | ○ |
|            | 20 | sleaze : FX205 M4 / FX65 / FX25(NSK)                 | ● |            | 20 | sleaze : FX205 M4 / FX65 / FX25(NSK)                 | ● |            | 20 | sleaze : FX205 M4 / FX65 / FX25(NSK)                 | ● |
|            | 21 | scaler : dmetec Compact S                            | ● |            | 21 | scaler : dmetec Compact S                            | ● |            | 21 | scaler : dmetec Compact S                            | ● |
|            | 22 | scaler : NSK Varios 170                              | ○ |            | 22 | scaler : NSK Varios 170                              | ○ |            | 22 | scaler : NSK Varios 170                              | ○ |
| stool      | 23 | doctor stool                                         | ● | stool      | 23 | doctor stool                                         | ● | stool      | 23 | doctor stool                                         | ● |
|            | 24 | assist stool                                         | ○ |            | 24 | assist stool                                         | ○ |            | 24 | assist stool                                         | ○ |

|          |   |
|----------|---|
| basic    | ● |
| optional | ○ |

Standard



compact console



monitor arm



doctor stool

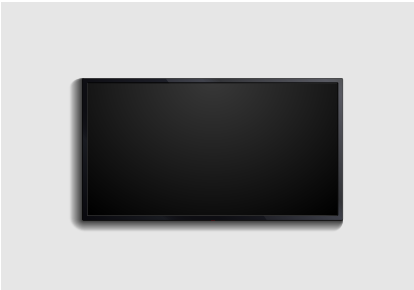
Option



auxiliary stool



water pipe washing system



monitor 27 inch



43-inch monitor (including stand)



dry air syringe



Instrument hot water system



helper system



Double Cushion sheet

# Instruments

## High Handpiece



**product name M900L(NSK) Optic**  
Power : 26W  
Speed : 325,000~430,000min<sup>-1</sup>  
Head Size : ø 10,8 x H12,1mm



**product name M800L(NSK) Mini Optic**  
Power : 23W  
Speed : 380,000~450,000min<sup>-1</sup>  
Head Size : ø 10,6 x H12,4mm



**product name M900KL(NSK) Optic**  
Power : 26W  
Speed : 325,000~430,000min<sup>-1</sup>  
Head Size : ø 12,1 x H13,3mm  
For KAVO



**product name M800KL(NSK) Mini Optic**  
Power : 23W  
Speed : 380,000~450,000min<sup>-1</sup>  
Head Size : ø 10,6 x H12,4mm  
For KAVO

## Coupling



**product name PTL-CL-LED(NSK) Optic**  
For NSK · Stainless body · Titanium coating · LED Coupling



**product name KCL-LED(NSK) Optic**  
For KAVO · Stainless body · Titanium coating · LED Coupling

## Low Handpiece



**product name FX205 M4/FX65/FX25(NSK) Non-Optic**  
Max : 25,000min<sup>-1</sup>

## Scaler



**product name Varios 170 (NSK)**



**product name Compact S (dmetec)**

\*Optic option available

# Colors



Orange



Dark Brown



Dark Blue



Dark Violet



Blue



Gold



Sky Blue



Red



Light Green



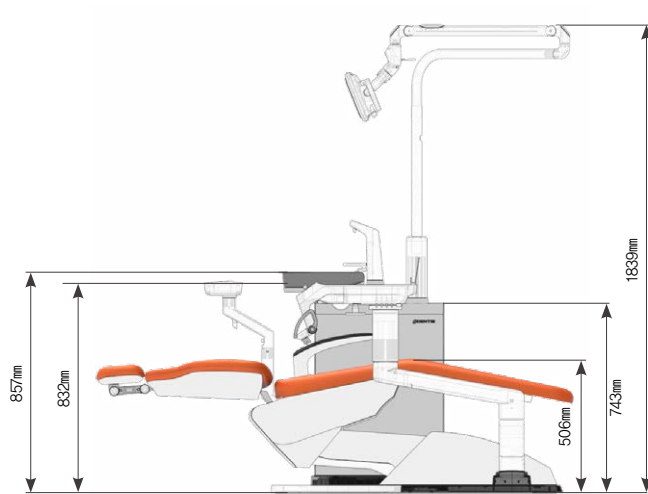
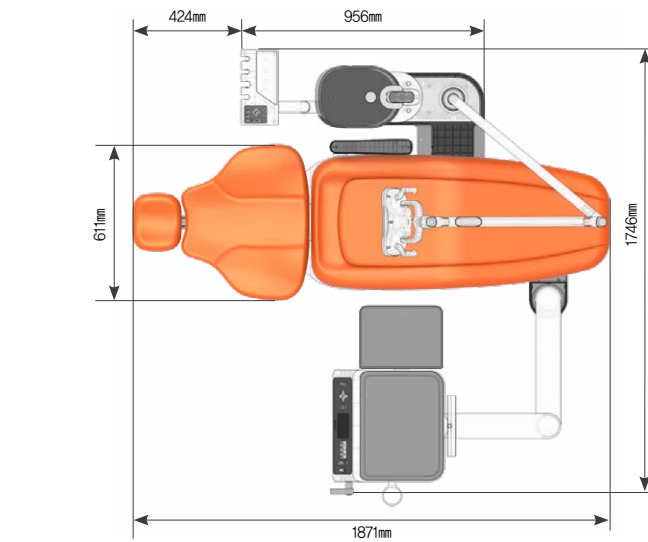
Cream



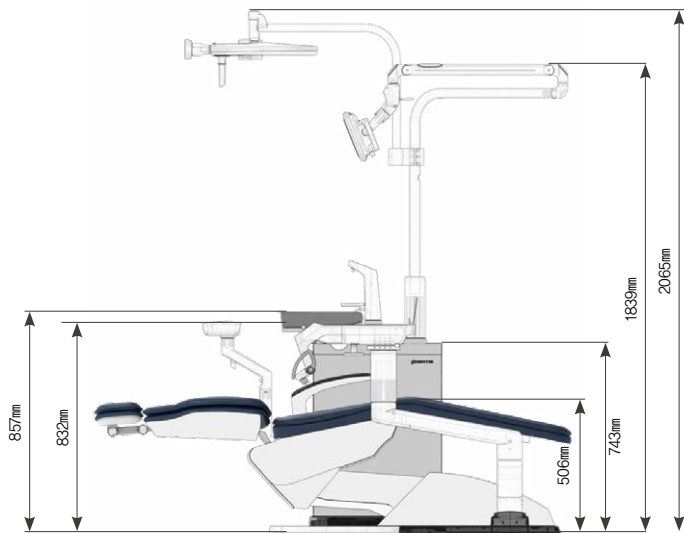
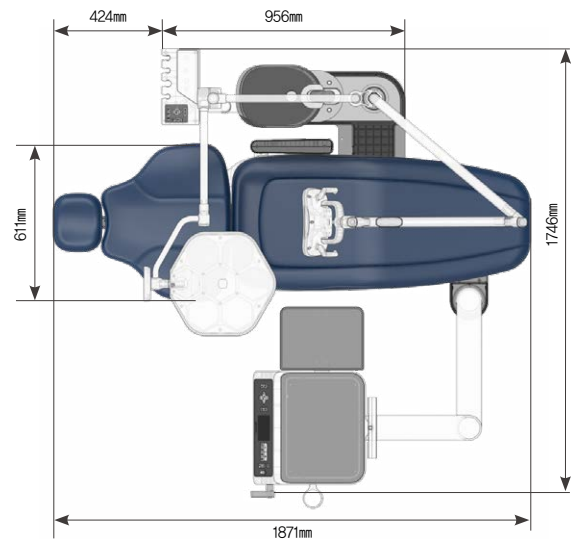
Black

# Dimension

C Class / E Class



S Class



# LUVIS CHAIR

‘LUVIS’ unparalleled quality