

4K 1080p



PAX

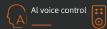
Lights your life



pax-XR1 provides a comprehensive range of LED operating lights, it is highly versatile for dental and surgical use.









makes it a precise and efficient lighting solution in the dental field



Handle control light system

- Detachable handle, can be safety autoclave steam sterilized at 134°C.
- One-key three-function switching.
- Rotate the handle to adjust parameters.
- Equipped with a blue LED indicator.









Intuitive user interface

- Lamp side.
- Convenient and sensitive, easy to operate.



Induction control

- Hand touchless control.
- Remote control.





Touch screen control

- The control panel of XR1 MAX can be upgraded to 4.3" touch screen control.
- Optional Wireless panel control.



Latest Lighting Innovations

• The unique dual-lens technology provides excellent anti-glare performance, ensures even light distribution, minimizes eye strain during long surgeries.



Infection control

- The lamp head is sealed to IP66 to protect from ingress of dirt and fluids.
- Meets the standards for laminar flow purification in operating room.





High color rendering index

 Color rendering index Ra over than 95, it's easier for dentists to distinguish the subtle color changes in tissues such as teeth, gums, and oral mucosa, ensuring the accuracy of diagnosis.



Customizable

- Customization of the handle color to further enhance user experience.
- Upgrade to Al voice control.
 - Molten Orange Pearl White





pax-XR1 MAX mobile cart

Our cart type Camera Recording System which allows it to capture even the smallest details in the working area during procedures. With the ability to share HD images and videos, this system provides convenience and maximizes the effectiveness of operations.

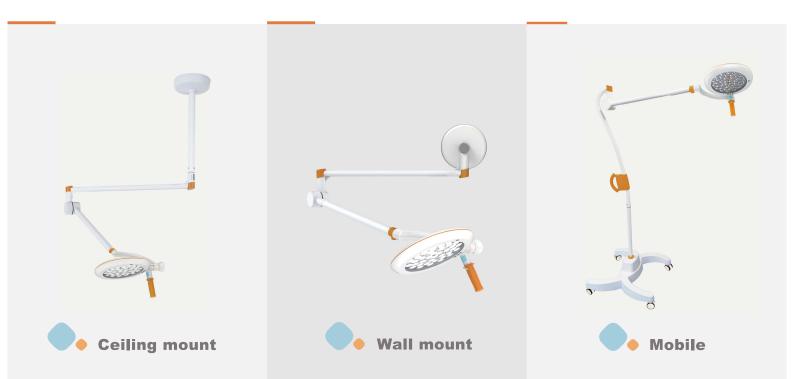






It can be equipped with 1080P FHD camera or Sony 4K UHD camera, which offering intelligent support for surgical recording, storing, teaching, and telemedicine.

MOUNTING OPTIONS





TECHNICAL SPECIFICATIONS







Model	pax-XR1	pax-XR1 Pro	pax-XR1 Max
Max illumination at 1.0m(Lux)	100000	100000	100000
Max illumination at 0.7m(Lux)	160000	160000	160000
Color rendering index(Ra)	>95	>95	>95
Color Temperature(K)	4300	A:4300 B:3500-5100 optional	A:4300 B:3500-5100 optiona
Light field diameter D50/10(mm)	160/230	160/230	160/230
Depth of illumination (mm)	2000	2000	2000
Useful life of the LEDs(hour)	60000	60000	60000
Diameter of lamp head (mm)	360	360	360
Lamp weight(kg)	3.4	3.4	4
Integrated dimming	10-100%	10-100%	10-100%
Control panel	√	√	√
Handle control system	×	√	√
Gesture sensing	×	√	√
Remote control	×	0	V
Wireless 1080p FHD camera system	×	×	V
Wireless 4K UHD camera system	×	×	0
4.3" touch screen control	×	×	0
1080p FHD recording system	×	×	0
4K UHD recording system	×	×	0

