

YDE500/700

Great performance in a compact size

OPERATING ROOM



- Ergonomic and sterile control suitable for variety surgical situations. Solid state, energy efficient LED technology Requires minimal energy to operate.
- Germany made Osram LED beads and French Gaggione lens guarantee a uniform nature cool lighting in surface and deep cavity procedures.
- Adopted single 1w LED beads, aviation aluminum beads board absorb heat production, aviation aluminum covers have great heat dissipation, generating essentially ZERO infrared or ultraviolet light, high efficiency beads layout is superior than other type designs, can get an almost unlimited LED life expectancy.



German Osram LED beads, French Lens



Touch Panel



Indirect Light for better comfort

Technical Specifications

Technical data	unit	700 lamp head	500 lamp head
Spot center illumination in color temperature 5000K	Lux	160,000--200,000	120,000--180,000
Color temperature	K	3500--5500	3500--5000
Ra		95	95
50% Spot diameter d50	mm	150	150
10% Spot diameter d50	mm	300	300
Illuminance depth	cm	80	80
Illuminance adjusting range	%	25-100	25-100
Ultraviolet irradiance wavelength under 40nm	W/m ²	≤0.002	≤0.002
Focal distance adjusting mode		Manual/electric (optional)	Manual/electric (optional)
Beads power	W	1W/unit × 60beads	1W/unit × 45beads
Power supply		110V/220V 50Hz/60Hz	110V/220V 50Hz/60Hz
Input power	W	100	100
LED average life	H	≥100,000	≥100,000
Lamp head diameter	mm	700	500
Installation ceiling height	m	2.65-3.2	2.65-3.2



Manual Focus

Touch Panel control, endoscopy model can adopt. German DC stepper motors.

Double Traverse Technique

Greater light output is 2 or 3 times higher than other lights, clear spot profile and uniform illumination to deep cavity procedures. Ergonomic layout of LED beads.

New Cold LED light Source

Lowest ultraviolet and infrared in light spectrum, temperature rising less than 2°C.

Long Service Life Span

At least 100,000 hours LED life span, no need to replace LED beads. Low lifetime maintenance cost.