



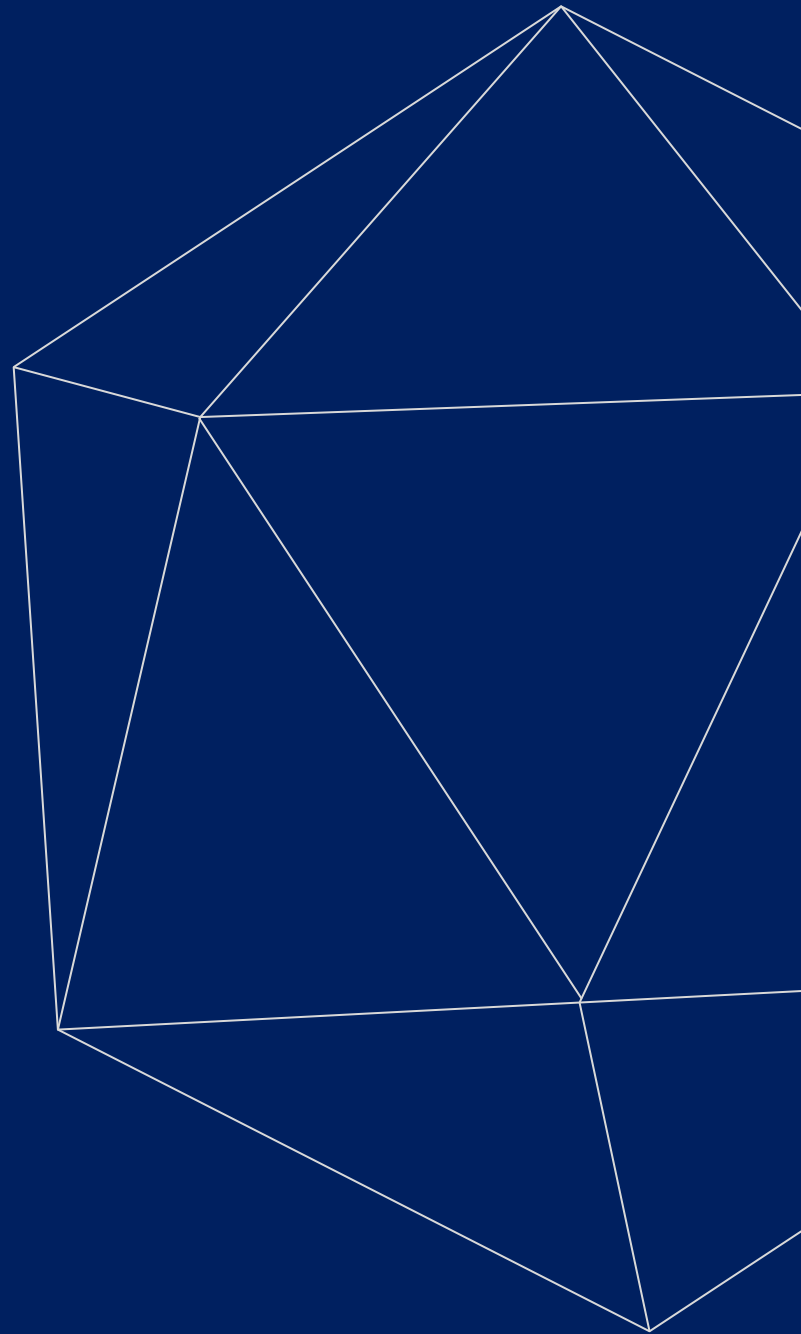
# MEDICAL LINES

## PHOTOTHERAPY LAMP



# Kalstein®

A different accompaniment, at your service





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OUR SERVICES

## Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



### Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



### Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



### #Letsgivemore

Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



### Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



### Delivery Logistics

We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



### Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



# KALSTEIN® Phototherapy Lamp

Model YR02194



**Phototherapy Lamp, LED panel, mobile w/ braking castors.**

The newborn patients with hyperbilirubinemia all need best care for threatening jaundice. Our line of phototherapy products supply you the reliability and stability intensive phototherapy by LED light for your baby patient. The unit has a long-life that provides 20,000 to 0,000 hours of light therapy.

**General Features:**

- ✓ Big area lighting to ensure sufficient treatment effect with uniform intensity
- ✓ Fan-free design to eliminate noise and disturbance to laminar flow
- ✓ Innovative LED (NEW) and tube fluorescent lamp (conventional) available
- ✓ Models with fixed or adjustable working angle are available
- ✓ Installed on stretchable stand-pole or integrated over incubator with 4-leg sucker device
- ✓ 99 levels of adjustable light intensity for individual phototherapy need
- ✓ Time countdown setting to avoid overtreatment
- ✓ Ergonomic design for easy access to baby cradle, infant warmer or incubator.

**Characteristics:**

- ✓ LED fluorescent lamp as the phototherapy radiating elements
- ✓ Angle of lamp head can be adjusted horizontally.
- ✓ Height of lamp head can be adjusted.
- ✓ Stainless steel support stand can be adjusted.
- ✓ Wheels can be locked
- ✓ Timer to record the phototherapy operation.
- ✓ Use in incubator, irradiant heat bassinets, and any kind of bassinet.

**Application**

The YR02194 unit like YR02195 unit with blue fluorescent tube has independent framework can use with incubator, irradiant heat bassinets, and any kind of bassinet in family care. Widely applicable in all hospitals and clinics and optimize for jaundiced baby.

Model	YR02194
Function	
Irradiation wavelength range	400-550nm
Adjustable Irradiation intensity (max)	3000 uw/cm2
Wavelength of wave crest	460nm
Adjustable Irradiance from 1 to 99 levels	√
Timing	√
Fixed time	√
Time totalizer	√
Display range (hour)	0-9999h
Structural parts	
Vertical Height Adjustable	1100-1580 mm
Useful service life	5000h
Nominal blue light life	20000h
Dimension	500x600x (1355-1705)mm
Electric parts	
Power supply	AC(220 ±22)V (50±1) Hz
Power consumption	≤50W
Ambient temperature	10-40
Ambient relative humidity	≤80%
Motor	AC



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**KALSTEIN FRANCE, S.A. S**



# KALSTEIN® Phototherapy Lamp

Model YR02195



### Phototherapy Lamp, LED, hood-mount type

The newborn patients with hyperbilirubinemia all need best care for treating jaundice. Our line of phototherapy products supply you the reliability and stability intensive phototherapy by blue fluorescent lamp for your baby patient.

#### General Features:

- ✓ Big area lighting to ensure sufficient treatment effect with uniform intensity
- ✓ Fan-free design to eliminate noise and disturbance to laminar flow
- ✓ Innovative LED (NEW) and tube fluorescent lamp (conventional) available
- ✓ Models with fixed or adjustable working angle are available
- ✓ Installed on stretchable stand-pole or integrated over incubator with 4-leg sucker device
- ✓ 99 levels of adjustable light intensity for individual phototherapy need
- ✓ Time countdown setting to avoid overtreatment
- ✓ Ergonomic design for easy access to baby cradle, infant warmer or incubator..

#### Features

- ✓ Pre-warm, manual control and baby skin temperature mode
- ✓ Blue fluorescent lamp as the phototherapy radiating elements
- ✓ The lamp head is made of 4 OSRAM light tubes import from Germany.
- ✓ Angle of lamp head can be adjusted horizontally.
- ✓ Height of lamp head can be adjusted.
- ✓ Stainless steel support stand can be adjusted.
- ✓ Wheels can be locked
- ✓ Timer to record the phototherapy operation.
- ✓ Use in incubator, irradiant heat bassinets, and any kind of bassinet.

#### Application

The YR02195 unit differs from our other phototherapy unit because of the independent stand type, which can use in incubators, irradiant heat bassinets, any kind of bassinet or home care. Widely applicable in all hospitals and clinics and optimize for jaundiced baby..

Model	YR02195
Function	
Irradiation wavelength range	400-550nm
Adjustable Irradiation intensity (max)	3000 uw/cm2
Wavelength of wave crest	460nm
Adjustable Irradiance from 1 to 99 levels	√
Timing	√
Fixed time	√
Time totalizer	√
Display range (hour)	0-9999h
Structural parts	
Vertical Height Adjustable	N/A
Useful service life	5000h
Nominal blue light life	20000h
Dimension	N/A
Electric parts	
Power supply	AC(220 ±22)V (50±1) Hz
Power consumption	≤50W
Ambient temperature	10-40
Ambient relative humidity	≤80%
Motor	AC



#### #Letsgivingmore

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# KALSTEIN® Phototherapy Lamp

Models YR02194/ YR02195



	YR02194-1 (Osram Tube)	YR02194 (LED)	YR02195-1 (LED)	YR02195 (LED)
Irradiation source	Blue fluorescent lamp (OSRAM)	LED light	LED light	LED light
Irradiation wavelength range (400~550)nm	●	●	●	●
Adjustable irradiation intensity (max)	700±25%uw/cm2	3000uw/cm2	3000uw/cm2	3000uw/cm2
Adjustable irradiance from 1 to 99 levels .	●	●	●	●
Time calculator	●	●	●	●
Countdown timer	●	●	●	●
Time total	●	●	●	●
Display range 0-9999h	●	●	●	●
Adjustable working height	●	●	○	○
Effective service life	1000h	5000h	5000h	5000h
Nominal blue light life	2000h	20000h	20000h	20000h
Power consumption	≤100W	≤50W	≤50W	≤50W
AC Motor	●	●	●	●

"○" means optional "●" means standard configuration

Remark: Adjustable irradiation intensity can be tailored up to 3000uw/cm2 for LED light.

	YR02194-1 (Osram Tube)	YR02194 (LED)	YR02195-1 (LED)	YR02195 (LED)
<b>Function</b>				
Irradiation wavelength range	400~550nm	400~550nm	400~550nm	400~550nm
Adjustable Irradiation intensity (max)	700±25% uw/cm <sup>2</sup>	3000 uw/cm <sup>2</sup>	3000 uw/cm <sup>2</sup>	3000 uw/cm <sup>2</sup>
Wavelength of wave crest	460nm	460nm	460nm	460nm
Adjustable Irradiance from 1 to 99 leves	√	√	√	√
Timing	√	√	√	√
Fixed time	√	√	√	√
time totalizer	√	√	√	√
Display range (hour)	0-9999h	0-9999h	0-9999h	0-9999h
<b>Structural parts</b>				
Vertical Height Adjustable	1080-1560 mm	1100-1580 mm	N/A	N/A
Useful service life	1000h	5000h	5000h	5000h
Nominal blue light life	2000h	20000h	20000h	20000h
Dimension	700x605x (1080-1560) mm	500x600x (1355~1705)mm	N/A	N/A
<b>Electric parts</b>				
Power supply	AC(220 ±22) V (50±1) Hz	AC(220 ±22)V (50±1) Hz	AC(220 ±22)V (50±1) Hz	AC(220 ±22)V (50±1) Hz
Power consumption	≤100W	≤50W	≤50W	≤50W
Ambient temperature	10-40℃	10-40℃	10-40℃	10-40℃
Ambient relative humidity	≤80%	≤80%	≤80%	≤80%
Motor	AC	AC	AC	AC

√ means for standard configuration

Remark: adjustable irradiation intensity can be tailor-made up to 3000uw/cm2 for LED light.



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