



**Cable-free by
ATMOS LED technology**

ATMOS HL 21 LED

Unlimited mobility!



ATMOS
MedizinTechnik

The headlight ATMOS HL 21 LED

enables unlimited mobility!



ATMOS HL 21 LED - The cable-free headlight!

As a doctor you require bright and focusable illumination, at the same time you would like a lightweight, mobile system with a long product life and low follow-up costs. Now with the new headlight ATMOS HL 21 LED this kind of system is available to you.

The new technology

The new lithium-ionic batteries offer much longer operation time compared with the traditional batteries, they have 50 % less weight and exclude the memory effect. The power white-light LED with up to 50,000 hours life-span is very robust, develops no heat, is lightweight and comfortable to wear and provides excellent illumination at low running costs

The ATMOS HL21LED is especially suitable for the following specialised groups:

- ENT practitioner in the surgery, on the ward and in outpatient departments
- General practitioners
- Consultants in diverse fields

No heavy light guide cable, no ventilation noise is disturbing you at your work anymore.



① Very bright LED

with a high service life
(approx. 50,000 h)



② Focusable

for optimal illumination



③ Double-joint

for perfect light positioning



④ Lithium-Ionic battery

integrated and exchangeable
With charging indication
and selector switch for power
and eco mode.



⑤ Neoprene band

The headband can be washed in the
washing machine.



⑥ Adjustable bow

fits every head.



⑦ Perfect wearing comfort

Comfortable to wear, even for
several hours, due to the soft
version with joint.



⑧ Universal battery

quick-charging power pack.



⑨ Cable

Length: 150 cm and 40 cm.



⑩ Holding clip

for Lithium-Ionic battery



ATMOS HL 21 LED headlight

Examination set



Disciplines:

- Perfect wearing comfort
- Homogeneous illumination
- Low weight
- Highest mobility



Headlight ATMOS HL 21 LED examination set	REF	
<p>For optimum and mobile illumination of medical examinations, e.g. in the ENT range</p> <p>Characteristics: long-life light source with power-white light LED, focusing optics, infinitely variable, high-end battery system with particularly light-weight and powerful lithium-ionic battery, 2 operation modes: Eco /Power, ergonomic ultra-lightweight headband, holder for battery on headband, rear, universal battery quick-charging power pack with primary adapters assortment, connecting cable to LED battery</p> <p>Scope of delivery: 1 x Headlight ATMOS HL 21 LED, connecting cable to LED battery (40 cm), 1 x lithium-ionic battery, 1 x battery quick-charging power pack</p>	507.4505.0	

Technische Daten	ATMOS HL 21 LED
LED	
Brightness:	50 Lumen / 60 kLux
Illumination field Ø:	25 up to 55 mm in 17 cm distance from the lamp, focussable
Service life:	up to 50,000 h
Performance:	2 Watt
Battery:	
Type:	lithium-ionic
Capacity:	1950 mAh
Operating time:	approx. 4 h (Eco mode) or approx. 2 h (power mode)
Charging time:	max. 120 min (at complete unloading)
Power Pack:	
Range of voltage:	100-230V~, 50/60 Hz
Connecting adapter:	USA, Europe, UK, Australia
General:	
Weight:	Headlight: 200 g, battery 80 g
Classification:	class: I (acc. to appendix IX, directive 93/42/EEC)

The stated technical data are valid at the moment of printing, and are subject to change!

ATMOS HL 21 LED headlight

OT set



Disciplines:

- Perfect wearing comfort
- Homogene illumination
- Low weight
- Highest mobility



Headlight ATMOS HL 21 LED OT set

REF

507.4506.0

For optimum and mobile illumination of OT applications

Characteristics:

long-life light source with power-white light LED, focusing optics, infinitely variable, high-end battery system with particularly light-weight and powerful lithium-ionic battery, 2 operation modes: Eco /Power, ergonomic ultra-lightweight headband, holder for battery on headband, rear, universal battery quick-charging power pack with primary adapters assortment, connecting cable to LED battery

Scope of delivery:

1 x Headlight ATMOS HL 21 LED, connecting cable to LED battery (40 cm), connecting cable to LED battery (150 cm), 2 x lithium-ionic battery, 1 x battery quick-charging power pack, 1 x cable clip

Technische Daten	ATMOS HL 21 LED
LED	
Brightness:	50 Lumen / 60 kLux
Illumination field Ø:	25 up to 55 mm in 17 cm distance from the lamp, focussable
Service life:	up to 50,000 h
Performance:	2 Watt
Battery:	
Type:	lithium-ionic
Capacity:	1950 mAh
Operating time:	approx. 4 h (Eco mode) or approx. 2 h (power mode)
Charging time:	max. 120 min (at complete unloading)
Power Pack:	
Range of voltage:	100-230V~, 50/60 Hz
Connecting adapter:	USA, Europe, UK, Australia
General:	
Weight:	Headlight: 200 g, battery 80 g
Classification:	class: I (acc. to appendix IX, directive 93/42/EEC)

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Accessories headlight ATMOS HL 21 LED	REF	
Connecting cable to LED battery, 40 cm	507.4542.0	
Connecting cable to LED battery, 150 cm	507.4541.0	
Connecting cable to LED battery, 200 cm	507.4545.0	
Clip for fixing the cable to clothing	507.4543.0	
Universal battery quick-charging power pack (100 - 240 V~) with primary adapters assortment	011.1199.0	
LED light source, to be operated with the battery from the headlight ATMOS HL 21 LED		
① ATMOS LS 21 LED light source light-source for direct connection to endoscopes and laryngoscopes Characteristics: high-performance LED, 2 Watt / 220 kLux / 175 lumen , low operating costs due to LED durability of approx. 50.000 hours, connection with quick coupling for any optics, cable length: 1.90 m Scope of delivery: 1 x LED light handle, 1 x endoscope adapter Wolf, 1 x operating instructions	507.4600.0	



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Headlights for cold light and warm light sources	REF	
① Headlight CLAR 73 headlight with light conducting cable, lightweight model, conducting cable L= 2.2 m, 90° connection, storz adapter for connection to cold light sources	502.0515.5	
② Headlight acc. to Binner headlight with light conducting cable, conducting cable L= 2.2 m, 90° connection, storz adapter for connection to cold light sources	502.0516.0	
③ Headlight CLAR 55, warm light incl. connecting cable l = 2 m	502.0161.0	
Headlight CLAR 73, cold light, light conducting cable L = 2.3 m, with 90° Storz connection to light source	502.0515.0	
Headlight CLAR 73, cold light, light conducting cable L = 2.3 m, with straight Storz connection to light source	502.0515.1	

ATMOS ... for a better life



Do you know ATMOS?

ATMOS develops and manufactures innovative medical technology in the business ranges ENT, Surgery, Care and Gynaecology. In the field of suction as well as in the ENT field we rank among the leading businesses worldwide.

Certainly you have already come into contact with an ATMOS product.

Some 100,000 ATMOS suction units and more than 10,000 ATMOS ENT workstations are in daily use in clinic and practice in more than 70 countries all over the world.

When may we welcome you as a customer?

Doctors and patients worldwide rely on ATMOS.

