

# TECHNICAL CHARACTERISTICS

The three BIOPTRON device types, BIOPTRON MedAll, BIOPTRON Pro 1 and BIOPTRON 2 differ in size, design and setting, but are featuring identical physical light characteristics. They are being used by medical professionals in hospitals and private surgeries as well as by home-users and patients themselves. The different types, available also in stand versions, assure the best fitting solution for every individual need.



**BIOPTRON MedAll**



**BIOPTRON Pro 1  
with table stand**



**BIOPTRON 2**

#### Filter diameter approx.

- BIOPTRON MedAll	5 cm
- BIOPTRON Pro 1	11 cm
- BIOPTRON 2	15 cm

#### Power supply

- BIOPTRON MedAll	100-240 V~, 50 /60 Hz
- BIOPTRON Pro 1	100-240 V~, 50 /60 Hz
- BIOPTRON 2	100-240 V~, 50 /60 Hz

#### Power consumption

- BIOPTRON MedAll	0.29-0.12 A
- BIOPTRON Pro 1	90 VA
- BIOPTRON 2	1.4-1.0 A

#### Fuse

- BIOPTRON MedAll	-
- BIOPTRON Pro 1	-
- BIOPTRON 2	T2A/250 V

#### Rated power of halogen

- BIOPTRON MedAll	20 W
- BIOPTRON Pro 1	50 W
- BIOPTRON 2	90 W

#### Protective class

- BIOPTRON MedAll	Class II □, IP 20
- BIOPTRON Pro 1	Class II □, IP 20
- BIOPTRON 2	Class I, IP 20

#### Weight

- BIOPTRON MedAll (without stand)	0.5 kg
- BIOPTRON Pro 1 (with table stand)	3.4 kg
- BIOPTRON Pro 1 (with floor stand)	7.8 kg
- BIOPTRON 2 (without stand)	4.3 kg

#### Ambient temperatures

- Operation	+10 °C to +30 °C
- Storage	0 °C to +40 °C

Wavelength	480-3400 nm
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Degree of polarization	>95% (590-1550 nm)
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Light intensity	min. 10,000 lux
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Specific power density	av. 40 mW/cm <sup>2</sup>
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Light energy per minute	av. 2.4 J/cm <sup>2</sup>
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CE labeling	 0124
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**EXTEND**  
YOUR SPECTRUM OF CARE



**LEADERS IN LIGHT THERAPY**



BIOPTRON Medical Device is made in Switzerland,  
home of the highest quality production values  
[www.bioptron.com](http://www.bioptron.com)





# EXTEND YOUR SPECTRUM OF CARE

## BIOPTRON MedAll



BIOPTRON MedAll is packed in a special case and the optional floor stand is available.

## BIOPTRON Pro 1



BIOPTRON Pro 1 with Floor Stand. A Table Stand is also available.

## BIOPTRON 2



BIOPTRON 2 with Professional Stand. A Domestic Stand is also available.



**BIOPTRON**   
LIGHT THERAPY SYSTEM By Zepter Group

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