



# medisun<sup>®</sup> XENIA UVA-1

PROFESSIONAL UVA-1 PHOTOTHERAPY

CORTISONE-FREE THERAPY OF  
ATOPIC DERMATOSIS, CIRCUMSCRIBED SCLERODERMA  
AND OTHER SKIN DISEASES



# medisun® XENIA UVA-1

## CORTISONE-FREE INNOVATIVE UVA-1-THERAPY

Atopic dermatosis is a skin disease characterized by eczema, itching and very dry skin. 3.5 to 5 million people in Germany are affected and the frequency is increasing. The cause of this development is assumed to be caused by environmental pollution and other factors. The disease often means a tremendous amount of suffering for those affected.

For rapid relief, topical corticosteroids are therefore usually prescribed, but these are often problematical for long-term use.

As an alternative, the UVA-1 therapy (approved by many studies) is the perfect solution.

The **medisun®-UVA-1 beds** are among the best-selling UVA-1 systems and are being used in many university hospitals and practices in Germany and around the world with great success.

In about 80% of patients the UVA-1 therapy shows very good results without additional medication.

→ The innovative **medisun®-XENIA** bed is characterized by an energy-saving lamp technology in conjunction with a modern computer control and easy operation.

## A TECHNICAL REVOLUTION

- Innovative and open casing concept
- Maximum moving space for patients
- No claustrophobia anymore
- Comfortable synthetic leather mattress
- Simple cleaning, optimum hygiene
- Latest Xenon-lamp technology
- Reduced Energy requirement – **only 5 kW instead of 25 kW**
- Enormous power savings\*
- Full-body and partial exposures possible due to 6 single and individually dosed partial fields
- Low heat development
- No expensive exhaust air systems needed
- No cool-down-time after exposure
- No electric drives needed, e.g. hydraulic lift system
- Reduced maintenance and repair costs
- Medisoft therapy management system including Remote-PC (optional).



\* in comparison to conventional systems with high-pressure lamps.

# EFFECTIVE TREATMENT OF ATOPIC DERMATOSIS, CIRCUMSCRIBED SCLERODERMA AND OTHER SKIN DISEASES

The medisun®-XENIA UVA-1 enables a safe and efficient whole body treatment. The exposures are made comfortably while lying down.

- At the beginning, the patient takes a seat on the lying surface.
- The patient puts on his UV goggles and goes into a comfortable lying position
- After the dose has been entered, the exposure starts and the exposure time expires backwards counting.
- After the desired dosage is reached, the UV lamps switch off automatically. The patient turns to the other side and the second part of the treatment can start immediately.
- At the end of the second part, the system will switch off automatically, and the patient can leave the bed.



Product video  
[www.medisun.de/en](http://www.medisun.de/en)

## SIMPLE AND SAFE OPERATION

The medisun® computer control allows an exact dosage in J/cm<sup>2</sup>. The 6 individual fields can be dosed differently. Furthermore, the system can be connected to the medisoft therapy management system via network cable and remotely via PC, e.g. controlled and managed by the reception. Here, the medical staff has pre-set treatment plans and comprehensive documentation in the patient database.

Safety and ease of use leave nothing to be desired. The integrated patient history allows comprehensive insight into current and completed treatments. A comfortable protocol function allows the printing of therapy protocols.



# medisun® XENIA UVA-1

## OPTIMAL RANGE OF THERAPIES

The combination of UV xenon lamps and high-quality edge filters achieves a selective light spectrum between 340 nm and 460 nm, which ensures excellent treatment success.



## INDICATIONS

- Atopic dermatosis, medium to heavy forms
- Circumscribed Scleroderma
- Urticaria pigmentosa
- Various autoimmune diseases

## TECHNICAL SPECIFICATIONS

	Description
<b>MAINS</b>	400 Volt (3ph+N+PE), CEE-16 A-wall socket
<b>PC-INTERFACE</b>	Network (Ethernet), 8P8C-Plug
<b>POWER DEMAND</b>	Max. approx. 7 kWh
<b>FUSING</b>	3 x 16 A, separated RCD circuit breaker 0,03 A
<b>MEASUREMENTS W x D x H</b>	Approx. 240 cm x 160 cm x 185 cm
<b>SPACE REQUIRED</b>	W 340 cm x D 300 cm x H 240 cm
<b>WEIGHT</b>	Approx. 650 Kg
<b>PATIENT SURFACE</b>	Approx. 230 cm x 115 cm
<b>LAMP MODULES</b>	6 top-modules (10 spots each), 6 side-modules (2 spots each)
<b>LAMP TYPE</b>	UV-Xenon-lamps (energysaving technology)
<b>FILTER</b>	Special edge filter
<b>PROTECTION GLASS</b>	Special plastic glass as touch protection
<b>SPEKTRAL RANGE</b>	Approx. 340 nm to 460 nm, dosage: 0 to 130 J/cm <sup>2</sup> (reducible maximum dose)
<b>PATIENT COOLING</b>	6 axial fans (adjustable)
<b>REQUIRED INDOOR AIR ENVIRONMENT</b>	Exhaust fan with 500 m <sup>3</sup> /h adjustable and room temperature control on 20°-22° Celsius e.g. Air Conditioner (not included)
<b>CERTIFICATION</b>	CE 0197
<b>WEEE-REG.-N0.:</b>	DE 91065138

Technical changes reserved.