



# UVB Module

**Alma** Lasers™  
Wellbeing Through Technology

## Harmony Platform

### UVB Module

The UVB Module of the Harmony Platform has an ultraviolet high-power targeted phototherapy handpiece which uses spectral irradiance in the highly efficacious UVB and UVA1 waveband to easily and effectively target and treat large and small areas while avoiding exposure to healthy skin.

- Treat skin dermatosis such as psoriasis, leukoderma including vitiligo, stretch marks (striae distenase), atopic dermatitis (eczema), seborrheic dermatitis and hypopigmented scars
- Fast – large spot size (6.4 cm<sup>2</sup>) enables rapid treatment
- Easy to use – ergonomic handpiece
- No downtime – safe and efficacious results

#### The Most Advanced Light-Based Technology for Psoriasis, Vitiligo and Repigmentation

- The UV Module uses a xenon lamp, continuous spectrum with black body emission, unlike other light-based targeted UVB technologies. This use of cutting edge technology results in a new and improved treatment modality that compliments the existing methods of treatment and offers high relief and satisfaction for patients with stubborn localized psoriasis, vitiligo or stretch marks.
- The UVB light is delivered accurately to the target area, resulting in higher efficacy without exposure of normal skin and no need for photosensitizing agents. Optimal step-wise dosimetry is used to increase safety.



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## Harmony System: Multi-Application, Multi-Technology Platform

- The most versatile, expandable light and laser system on the market.
- 10 different treatment heads for numerous combination therapy protocols
- 8 distinct technologies:
  - ▶ AFT
  - ▶ Near-infrared light
  - ▶ **UVB**
  - ▶ 1064nm LP Nd:YAG
  - ▶ 532nm Fd Q-Switched Nd:YAG
  - ▶ 1064nm Q-Switched Nd:YAG
  - ▶ 1320nm Nd:YAG
  - ▶ 2940nm Er:YAG
- Over 60 FDA cleared indications, including:
  - ▶ Skin rejuvenation
  - ▶ Hair removal
  - ▶ Acne
  - ▶ Acne scarring
  - ▶ Vascular lesions
  - ▶ Pigmented lesions
  - ▶ **Hypopigmentation**
  - ▶ Laser peeling
  - ▶ Skin resurfacing
  - ▶ Cutaneous lesions
  - ▶ Tattoo removal
  - ▶ Fine lines and wrinkles
- Customizable, upgradeable as your aesthetic practice grows
- Plug&Play technology – no downtime when upgrading
- Low cost of ownership – high return on investment
- Easy to use – selected preprogrammed parameters



Before

After



Photos Courtesy: Michal Salomon, M.D., Sheba Medical Center, Tel Aviv, Israel  
UVB Module after 6 biweekly tx.



Masking templates in different shapes and sizes.

## Technical Specifications of UVB Module

Light Source	High pressure xenon lamp
Spectrum	300-380nm
Energy Density (Fluence)	200-1000 mJ/cm <sup>2</sup> adjustable in 10mJ/cm <sup>2</sup> increments
Treatment Area (Spot Size)	40x16 mm (6.4 cm <sup>2</sup> )
Pulse Duration (msec.)	30, 40, 50 msec.
Pulse Repetition Rate	1/6 Hz
Harmony System Specifications	
Electrical	100-120 VAC, 5A, 50/60 Hz 220-240 VAC, 5A, 50/60 Hz
Weight	System: 88 lbs.(40 kg.) Cart: 77 lbs. (35 kg.)
System Dimensions	26" x 18" x 16" (65 x 45 x 40 cm)
Cart* Dimensions	22" x 22" x 30" (55 x 55 x 75 cm)

\* Optional

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