

WHOLE BODY UV THERAPY UNIT - SURYA SERIES

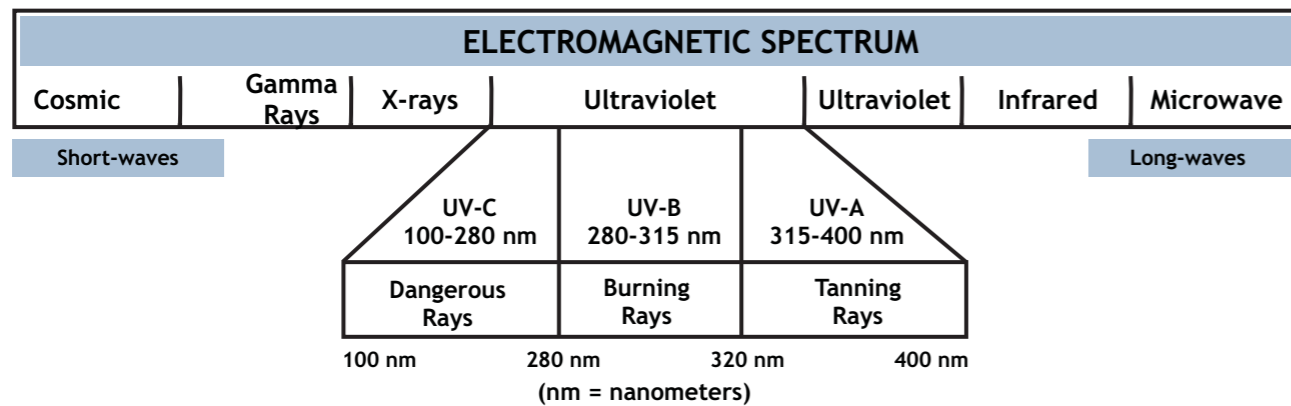
For the first time in India to introduce integrated dosimeter system of international standards for easy calculations of irradiation levels.....

Whole Body SURYA chamber sets a new high end standard for the treatment of skin disorders. The special arrangement of UV lamps with integrated dosimeter enables dosage.



Ultra Violet - basics:

1. UV-A, 2. UV-B (BBUVB/NBUVB), 3. UV-C.

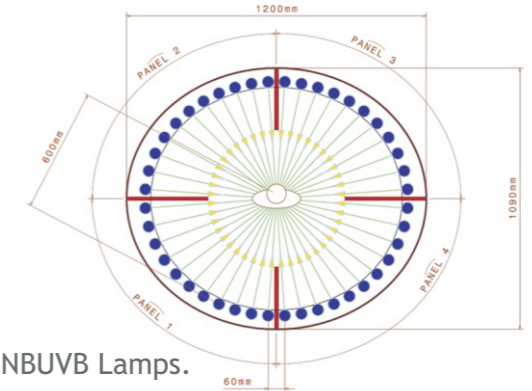


Some UV exposure is essential for good health. In medical practice, UV lamps are used for treating; Psoriasis, Vitiligo, Atopic Dermatitis, Circumscribed Scleroderma, Urticaria Pigmentosa, Generalized Pruritis, Pityriasis Rosea & other skin disorders.

The major advantages of whole body UV therapy unit-Surya series are as follows:

The special elliptical shape that suits human body contour. The homogeneous dosing effect on the skin, independently of the patient's body stature.

No more partial under dose, therefore better.



Scope of delivery unit includes:

- ▶ 16/24/36/44 number of special UVA / NBUVB / UVA+NBUVB Lamps.
- ▶ Input of dose in joules / time for UVA therapy and milli joules / time for NBUVB therapy.
- ▶ Advanced micro computerized electronic controller with LCD display.
- ▶ Integrated Dosimeter for automatic calculation of the irradiation time.
- ▶ Built in memory system.
- ▶ Automatic switch off with warning alarm at the end of set irradiation time.
- ▶ Homogeneous irradiation due to its special structure results in shorter treatment time.
- ▶ Patient accident protection, highly polished mirror type aluminum reflectors for maximum irradiation, and grab handle for easy access of the door.
- ▶ User ventilation, protective lamp shield as touch protection in front of the lamp.
- ▶ Earth leakage circuit breakers (ELCB) for providing maximum safety to the patient and the operator.
- ▶ Elliptical shaped arrangement of UV Lamps with Mirror type aluminum reflector for effective

Range of Models & Technical Data

Surya 240A, Opt.1	24 UVA	6	1.12	1.25	1.95
Surya 360A, Opt.1	36 UVA	10	1.12	1.25	1.95
Surya 160NB, Opt.1	16 NBUVA	4	1.12	1.25	1.95
Surya 240NB, Opt.1	24 NBUVA	6	1.12	1.25	1.95
Surya 360NB, Opt.1	36 NBUVA	10	1.12	1.25	1.95
Surya 360ANB, Opt.1	18UVA+ 18NBUVB	5	1.12	1.25	1.95
Surya 440ANB, Opt.1	22UVA+22NBUVB	6	1.12	1.25	1.95

Opt. 1 = LCD control with integrated Dosimeter