



## Automated Alpha Particle Irradiator – BioAlpha Supreme

### Product Specifications

- Dimensions (L x W x H) : 33cm x 30cm x 20cm
- Net Weight (Irradiator) : 10 kg
- Gross weight with Accessories : 14 kg
- Power Supply : Input: 110V to 230V AC/50-60Hz, 140 to 160W || Output: 24VDC
- Operating Temp : 10°C to 45°C
- Irradiation Dish Type 1: Single dish Ø55mm exposure window  
Type 2: Three small dishes Ø16.5mm exposure window each
- Collimator Frequency : 60-100 oscillations per minute
- Alpha Source Rotation Speed : 60-300 RPM
- Exposure Time : 2 seconds to 24 hours
- Alpha Source \* : Am-241 or any preferred by customers
- Operation Modes : Auto & Manual
- Primary HMI : 7” Built-in Touchscreen display
- Secondary HMI \*\* : 7” External Touchscreen through USB (Optional)
- Helium flow Controller\*\* : Flow controlled by External mass flow controller
- Incubator compatible : Yes, if the incubator is bigger than the radiator

Accessories included: Power supply with cord, Irradiation dishes.

\* Alpha Source not included in the product. It’s sold separately.

\*\* Mass flow controller & Secondary HMI are sold separately as optional accessories.

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Technology by BARC. Designed, Developed, Manufactured & Marketed by General Datum

#### Contact Us

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