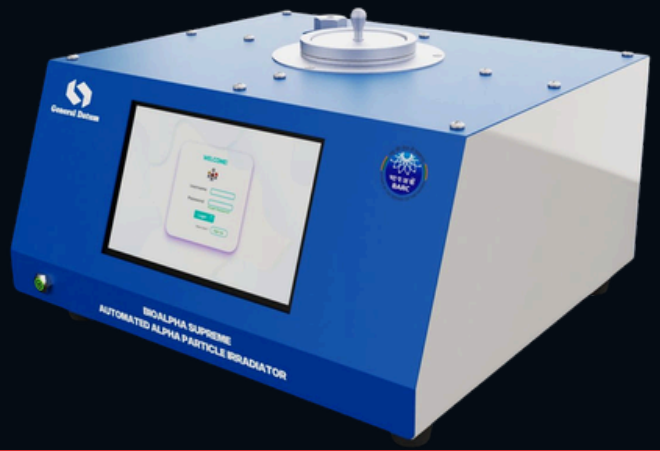
BIOALPHA SUPREME

- Adjustable exposure time from 2 seconds to 24 hours
- Multiple Operation Modes – Supports Auto, Manual, and Cyclic (dose fractionation) modes for flexible experimental setups.
- Dual Irradiation Dish Options – Choice of single large dish (Ø55 mm) or three small dishes (Ø16.5 mm each) for different research needs.
- Lab Environment Compatible – Designed to work with incubators and hypoxia chambers, suitable for controlled biological research conditions.



SPECIFICATIONS

Parameters	Values
Dimensions* (L x W x H)	33cm x 30cm x 20cm
Net Weight (Irradiator)	10 kg
Gross weight with Accessories	14 kg
Power Supply**	24VDC || 120W
Operating Temp	10°C to 45°C (At high temperatures, stop operation and allow cooling before restart)
Irradiation Dish	**Type 1:** Single large irradiation dish Ø55mm exposure window **Type 2:** Three small irradiation dishes Ø16.5mm exposure window each
Collimator Frequency	60-100 oscillations per minute
Source Rotation Speed	60-300 RPM
Source to Specimen Distance	37 to 39 mm
Exposure Time	2 seconds to 24 hours
Operation Modes	Auto, Manual & Cyclic (dose fractionation)
Primary HMI	7” Built-in Touchscreen display
Secondary HMI***	7” External Touchscreen through USB
Interlock	Software controlled electronic interlock
Helium flow Controller***	Flow controlled by External mass flow controller (10 to 500 ml/min)
Incubator compatible	Yes
Hypoxia Chamber compatible	Yes
Certification	The product is Certified from BARC.