



细胞培养箱

Spectracell-B08

Multi-Spectra INCUBATOR

Features

1. Eight separate chambers;
2. Up-to 3 LEDs in each chamber for spectrum mixing ;
3. Light intensity: 0~50mW/s•cm²;
4. Light modules mounted on down-outside of chamber.

Applications

1. Cell incubating under light ;
2. Bacterium incubating under light ;
3. Alga incubating under light ;
4. Other biological tissues incubating.

General Description :

The Light incubator is a laboratory instrument mainly used by companies, universities, etc. Spectracell-XXX series are used for researchers involved in the research of photobiomodulation, as well as the cultivation of cells, viruses, and other biological tissue. In addition to precise control of temperature and CO₂, the instruments feature light in tunable spectrum, which is produced by our patented technology of light module: (1) there are up-to 3 kinds of monochrome LEDs in each light module, (2) light condition can be changed by mixing the spectrum of LEDs. Spectracell-B08 features 8 separate chambers for photobiomodulation research:

- (1) Build-in 8 separate chambers, which makes incubating experiments can be conducted in 8 different light conditions synchronously. This feature speeds up greatly research work ;
- (2) The controlling strategy make a light condition can be produced in up-to 6 chambers synchronously;
- (3) Each light module for a chamber is composed of up-to three kinds of LEDs for spectrum mixing to produce thousands light conditions;
- (4) Light conditions are regulated by controlling panel;
- (5) Light modules mounted down-outside of chamber reduces light absorption of medium;
- (6) Light intensity adjustable: 0~50mW/s•cm²;

Model	Spectracell-B08, Spectraplant-B08
Chamber Volume	Each chamber for 96-well plate, 6-well plate
Cooling Type	Regular/Freon-free
Ambient Temp.	5 ~ 35℃
Temp. Control Range	15-45℃
Temp. resolution	0.1℃
Temp. Uniformity	±1℃
Temp. Fluctuation	±0.5℃
Power Supply	AC100 ~ 240V 50~60Hz
CO ₂ range	0~20%
Consumption Power	700~2500W