



EvoluChem™ Photoredox Device

Description:

The EvoluChem™ PhotoRedOX Box is designed to facilitate photochemical experiment. This apparatus is a multi-format photo reactor compatible with most vial formats (0.3 ml, 2 ml, 4 ml and 20 ml vials) and flow reactor. Photoredox reagent screening kits are available in 0.3 ml vial format with pre-mixed reagent and catalysts. (Patent Pending)

Features

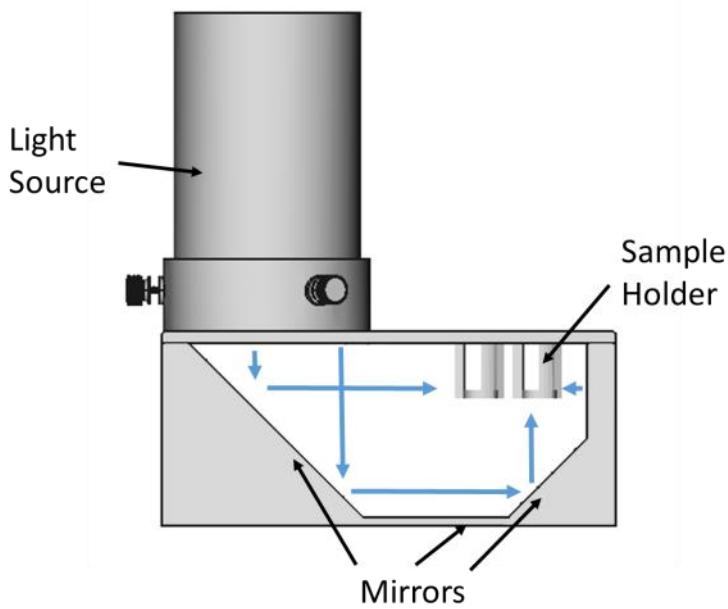
- Fits many light sources (EvoluChem 18W/30W or Kessil blue 34W)
- Photochemistry chamber to evenly distribute light
- Flexible format vials (from 0.3 ml to 20 ml)
- Flow reactor available
- Magnetic stirring on standard stirring plate
- Cooling by fan to maintain experiment at room temperature
- Pre-designed array of catalysts and reagents available

HCK1006-01-016 Device with
blue light source

Patent Pending



Unique geometry to focus light on samples



The EvoluChem™ PhotoRedOX Box is equipped with several mirrors that direct and distribute the light toward the samples. The geometry of the box enable parallel reaction with homogenous light exposure.

Better Heat Management

The position of the light source on the side of the samples reduce the amount of heat directed to samples. The embedded fan eliminates any remaining heat.



重松貿易株式会社 化学品部
Shigematsu & Co.,Ltd.

www.shigematsu-bio.com
info@shigematsu-bio.com