



# 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

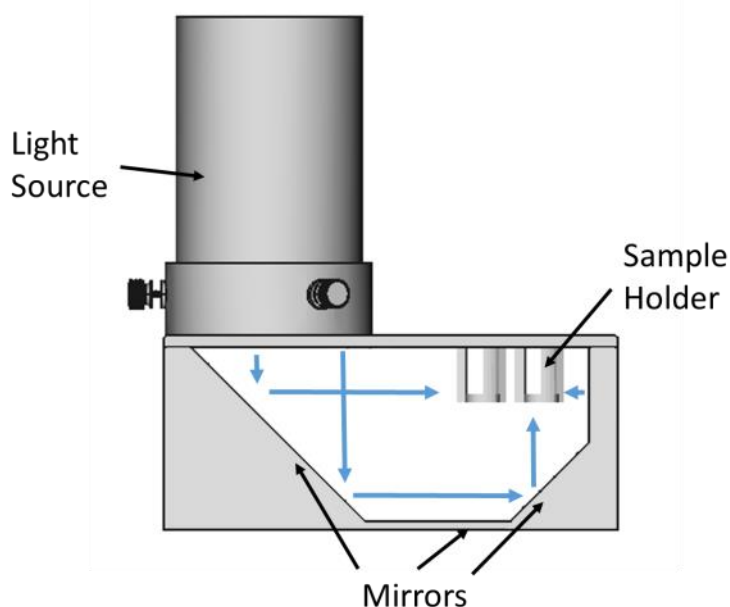
- Fits many light sources (EvoluChem 18W/30W or Kessil blue 34W)
- Photochemistry chamber to evenly distribute light
- Flexible format vials (from 0.3 ml to 20 ml)
- Flow reactor available
- Magnetic stirring on standard stirring plate
- Cooling by fan to maintain experiment at room temperature
- Pre-designed 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 enables parallel reaction with homogenous light exposure.

### Better Heat Management

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



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