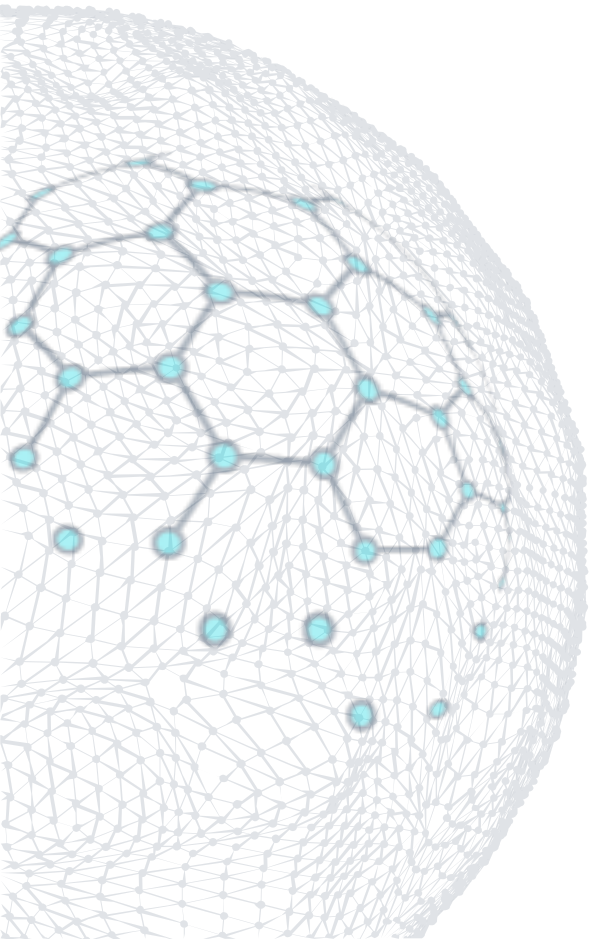
At Treellum Technologies, we create advanced technological tools for scientific research. Our mission is to provide the research community with reliable photoreactors to ensure reproducible experiments.

We have developed a family of patented photoreactors that ensure high reproducibility and reliability of photocatalytic chemical reactions.



TREELLUM TECHNOLOGIES

Patented Technology (EU and USA) and CE certified

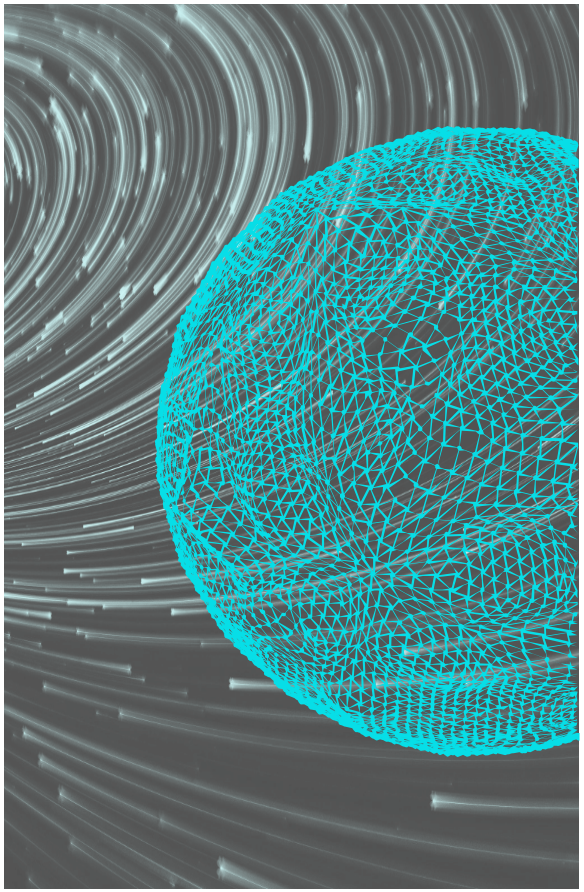
Industry 4.0
Reproducible
Sustainable

Multidisciplinary Team

Control of reaction parameters:
Temperature of reaction
Temperature of the light source
Intensity of irradiation of light and wavelength

TREELLUM TECHNOLOGIES

Innovative and Cutting-edge Technology for your Research

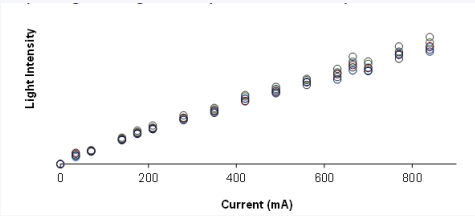


OUR PRODUCTS

Specifically designed for highly reproducible High-Throughput Experimentation (HTE) applications.

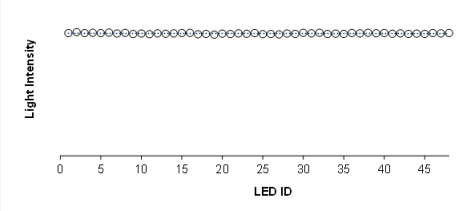
KEY FEATURES OF THE TT-HTE48

- **48 positions** equipped with high-power LEDs (3W per position).
- **Advanced reaction condition control**, offering 10 light intensity levels and full temperature regulation to ensure **outstanding reproducibility**.
- **Industry recognition**



KEY FEATURES OF THE TT-HTE16

- **16 positions** with x3 (compared with TT-HTE48) irradiation power (9W per position). Same framework.
- Designed for **4 mL vials**.
- Fully **compatible** with the same power supply and control system as the TT-HTE48.

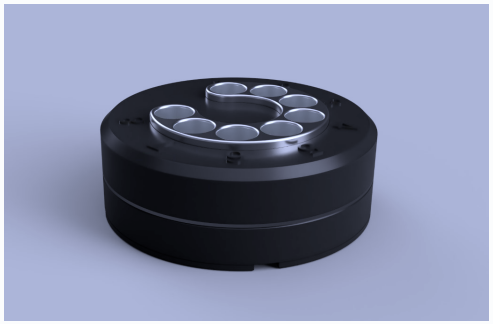


PHOTOREACTORS FOR HTE



KEY FEATURES OF THE TT-8

- **8 positions** with x6 (compared with TT-HTE48) irradiation power.
- Designed for clipped **20 mL vials**.
- Fully compatible with the same power supply and control system as the TT-HTE48 and TT-HTE16.
- Compatible with common stirrer plates.



CONTACT US

TREELLUM TECHNOLOGIES

Treellum

@TreellumTech

hello@treellumtechnologies.com

www.treellumtechnologies.com