

helios quartz



www.heliosquartz.com

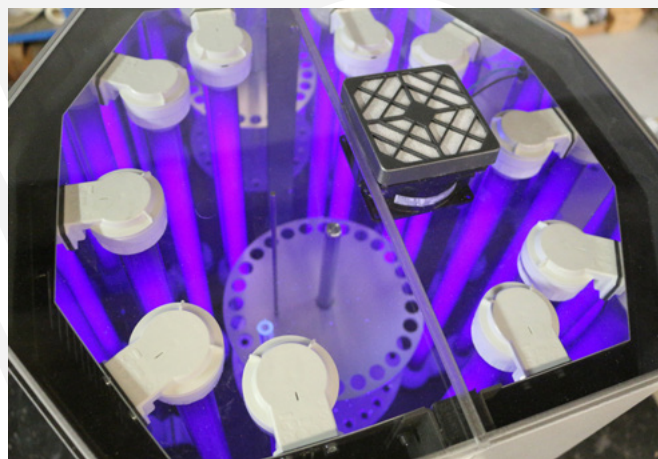
PHOTOCHEMICAL PROCESSES



Helios Quartz for over 70 years has been specialized in the manufacturing of IR and UV quartz emitters and in the production of Equipment for Industrial, Scientific and Medical applications.

Exposure to UV radiation and to the visible range of the electromagnetic spectrum can cause a radical change in the internal chemical structure of molecules and in the way they react. These processes are of considerable interest in the areas of chemical synthesis and in the study of the degradation of medical compounds.

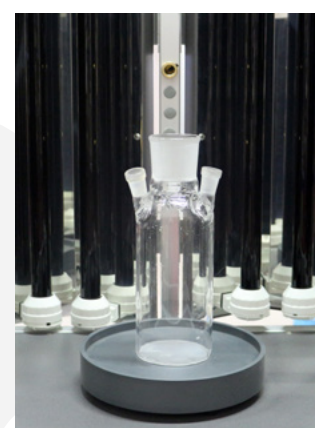
Helios Quartz Photochemical Equipment are the result of a long and solid experience in the market and are suitable for many different applications in the chemical and pharmaceutical industries.





The wide range of Photochemical Apparatuses by Helios includes:

- **High Pressure Equipment** equipped with quartz sheathed mercury vapour lamps;
- **Low Pressure Equipment** equipped with a UV low pressure lamp (with or without ozone emission) and a quartz sheath with conical coupling;
- **Sodium Vapour Equipment** equipped with a quartz sheathed sodium vapour lamp;
- **Quartz Cooling Jackets and Pyrex Cooling Jackets**, both with single or double conical connection, inlet and outlet hose holding tubes for the liquid to be treated or the cooling water, central female conical connector for the insertion of the sheathed UV lamp into the jacket and a male conical coupling for the unit to be installed into a reactor or in a balloon flasks;
- **Pyrex reactors** with one central and three peripheral female conical connectors for the inflow and outflow of the solution to be treated and the insertion of a thermometer.
- **Multirays**, the photochemical apparatus developed by Helios for important tests such ICH Photostability tests, Photochemical processes, Photo-Oxidation, Filtered UV radiation.



Italy
Helios Italquartz S.r.l.
Via delle Industrie 103/A 20040
Cambiago - Milano - Italia
+39 02 95 34 93 18
italy@heliosquartz.com

China
Shenyang Helios Tech. Co. Ltd
Building A, 1506 Midland Tower.
No. 208 Changjiang S. St. Huanggu
District, Shenyang, China
+86 024-31632308
china@heliosquartz.com

Switzerland
Helios Quartz Group SA
Via Roncaglia 20
6883 - Novazzano - Svizzera
+41 (0) 919233555/6
swiss@heliosquartz.com

Asia
Helios Quartz Asia Ltd.
Unit 208, 2nd floor
St. George's Building 1
Ice House Street, Central
HONG KONG +86 (132) 38830625
asia@heliosquartz.com

USA
Helios Quartz America Inc.
8444 W. Central Ave., # 2 Sylvania,
OH 43560 USA
+1 (419) 882-3377
america@heliosquartz.com

Turkey
Helios Quartz Turkey
Mimaroba Mh. Mustafa Kemal
Bulvarı. Colorist A Blok. Kat 3 D.50
Istanbul
+90 8502281908
turkey@heliosquartz.com