



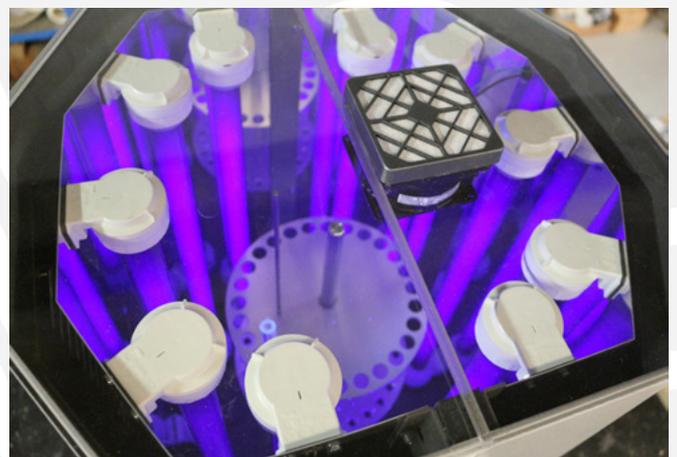
PHOTOCHEMICAL MULTIRAYS REACTOR



For over 70 years, Helios Quartz has specialized in the manufacturing of quartz IR & UV emitters as well as the production of Equipment used for Industrial, Scientific, and Medical applications

The photochemical apparatus **MULTIRAYS REACTOR** was developed specifically due to the close cooperation between Helios Quartz R&D and partner research centers, Universities, and Laboratories conducting scientific testing such as:

- ✓ ICH Photostability tests
- ✓ Photochemical processes
- ✓ Photo-Oxidation
- ✓ Filtered UV radiation





Particularly popular in science for its **flexibility** and **ease of use**, **MULTIRAYS** is constituted by an airy radiation chamber composed from one carousel with **two rotating disks** (diam. 194 mm) with varying distances. The upper disk is punched with 27 holes on the circumference (diam. 15 mm.) while the lower one has got notches used to support the 27 quartz test tubes. Around the carousel on a diameter of 285 mm are fixed 10 UV lamps (15 W) with a total length of 437nm controlled by one switch, every two lamps. The lamps are fixed in a special lamp-holder with IP44 protection and are equipped with an aluminum special reflector used to increase the radiation power. In order to meet customer's requests, Helios Quartz offers the possibility to change the number of holes on the disks and besides it is possible to replace the swing-plates with a big central test-bar (fixed in special threaded holes) with an eventual magnetic mixer supplied.

Technical specifications

The standard equipment includes:

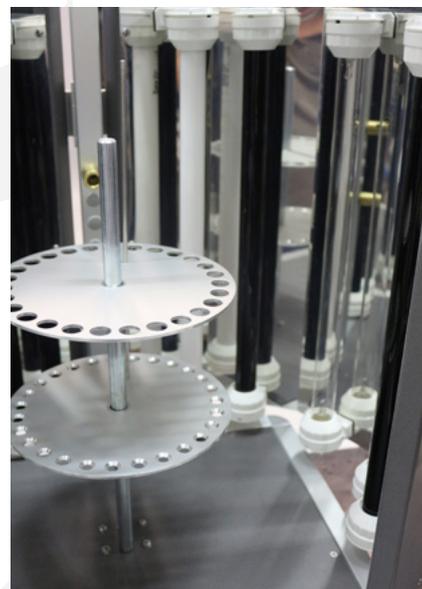
- n. 3 UV lamps sets, composed by:
 - N. 10 lamps with wave length of 254 nm
 - N. 10 lamps with wave length of 370 nm
 - N. 10 lamps with wave length of 365 nm

All the lamps are interchangeable and the installation is very easy.

- n. 2 supports for a big quartz test reactor

Max. Chamber inside dimensions: diam. 285 mm - H 450 mm

Outside dimensions: L. 455 mm, H 675 mm, W 640 mm



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) 91923355/6
swiss@heliosquartz.com

Asia
Helios Quartz Asia Ltd.
11 A, Yue on Commercial Building
335-387 Lockhart Road Wanchai,
HongKong
+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