

Quartz Glass Tubes

Features

- Resized Tubes up to 1,000 mm
- Various material qualities available
- Usage of high-quality raw materials
- Direct drawn tubes up to 310 mm outside diameter

Advantages

- Precise dimensional shape
- Residual oxygen content <1 ppm on request
- Cutting and finishing acc. to customer request
- Low siding and deflection

Quartz Glass Tubes

Raesch Quarz (Germany) GmbH produces high quality quartz glass tubes for demanding processing systems.

In the semiconductor industry, they are perfectly suited as a process chamber due to their **excellent temperature stability and purity**.

Thanks to its high **degree of purity**, the material provides the best basis for refining wafers. Furthermore, its **good chemical resistance** makes quartz glass the ideal reaction vessel for the treatment of aggressive waters and acids. In the lamp industry, quartz glass tubes are used as lamp bodies or protective sleeves.

Characteristics

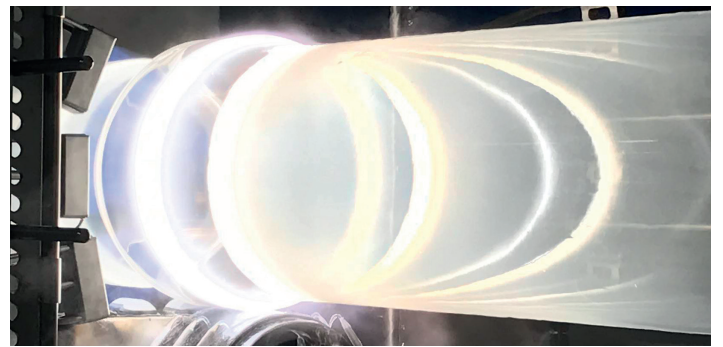
Raesch Quarz (Germany) GmbH exclusively uses **high-quality US raw materials** for the production of quartz glass tubes. Selected quartz sand enables optimal material properties.

Thanks to a single-step drawing process, Raesch Quarz (Germany) GmbH produces quartz glass tubes with the **highest precision and extraordinary dimensional accuracy**.



Finishing

On customer request, we gladly take over refining and further processing of the tubes, formerly produced by us. In an additional vacuum annealing process, the product quality is further increased. As a result, a **residual oxygen content of <1 ppm** can be achieved. Using state-of-the-art glass lathes we enlarge the tubes to an outer diameter of up to 1,000 mm.



If necessary, further finishing steps such as coating lamp tubes, laser cutting quartz glass or sealing tubes can be carried out in collaboration with our partners.

Quartz glass tubes are further processed into first-class quartz glass components.

