



Quartz Table Quartz Holder Quartz Supporter

**UP TO ϕ 1000mm
Or 1000mm x 1000mm
AVAILABLE**

Formed by chemical combination of silicon and oxygen, fused quartz (SiO_2) has many advantages:

- Excellent UV and IR transmission;
- Low coefficient in thermal expansion;
- Super stability and resistance to thermal shock over large temperature excursions, with wide thermal operation range and high laser damage threshold.

Typical Optical Transmission Range:	185nm ~ 3500nm
Special range:	150nm ~ 3300nm(deep UV)
Refractive Index:	1.46
Melting Point:	1900°C max
Thermal Conductivity (@20°C):	1.35 W/(m • C°)
Thermal Linear Expansion (@ $\pm 50^\circ\text{C}$):	4.0×10^{-6}

Selections of Quartz Table/Holder/Supporter Products

Quartz Table

Standard Specifications

Diameter or Length/Width Range	Up to 1000mm; $\pm 0.10\text{mm}$
Thickness Range	Up to 1000mm, $\pm 0.05\text{mm}$
Leg Configuration	Fused legs; 3-point joints typical; Or per special requirements
Leg Diameter/Length	Per request
Surface Flatness	Per special request
Surface Quality	60 - 40 scratch and dig; Or per special request
Bevel Processing	0.05mm x 45°

Quartz Holder/Supporter

Per drawings from users. For high temperature and other environment use.

Applications

Microelectronics/Semiconductor Environment, Thin-Film/Vacuum Coating, Nano-Material Processing Facilities, Bio-Medical Imaging or Microscopy, etc

Delivery:

Standard delivery time is 1-week;

Custom Quartz Disc/Washer/Wafer & Optics

Special high precision quartz windows, and other AR or HR coated quartz optics are available upon request.

*Other glass substrates/wafers/optics, and various crystal products are available.
Contact us for more information!*



PHOTONIK (SINGAPORE) PTE LTD

Tel: +65-6316-6370, +65-6316-2142 Fax: +65-6316-1082

Email: sales@photonik.com.sg Web: www.photonik.com.sg

Address: 8 Boon Lay Way, TradeHub 21, #04-04, Singapore 609964