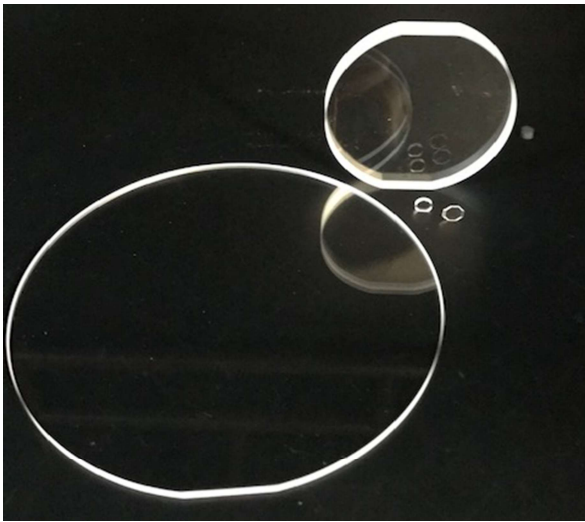


Shalom could produce the optical quartz crystal device which is 150 mm of diameter and the optical wave plate with 30 microns of thickness

Shalom could offer you the highly precise optical crystal quartz device as your request.

Shalom could accept any order as from only one products to mass-production.

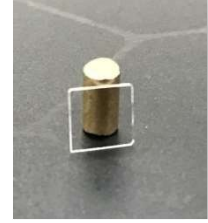
Processing sample



Φ50×0.030 t



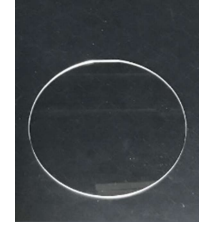
4×4×0.100 t



Φ70×7.000 t



φ145×3.000 t



The forming accuracy

Less than 30 μm, quartz substrates

Crystal substrate $\phi 50 \times 0.030t$

The transmitted wave-front $\leq \lambda/2$

Thickness : 0.0000t

MIL : 20-10

Thickness 5 points measurement



The thickness actual measurement	
①	0.0300
②	0.0300
③	0.0300
④	0.0300
⑤	0.0300
Range	0



Thick quartz substrates

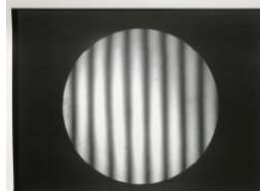
Crystal substrate $\phi 70 \times 7.0 t$

The reflective wavefront precision $\leq \lambda/4$

Thickness : 0.0000t

MIL : 20-10

Thickness 5 points measurement



The thickness actual measurement	
①	7.0000
②	7.0000
③	7.0000
④	7.0000
⑤	7.0000
Range	0



Large diameter quartz substrates

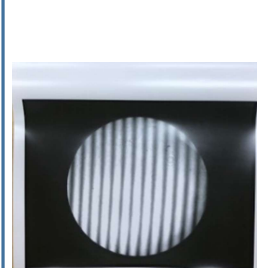
Crystal substrate $\phi 145 \times 3.0 t$

The reflective wavefront precision $\leq \lambda/4$

Thickness : 0.0006t

MIL : 20-10

Thickness 5 points measurement



The thickness actual measurement	
①	3.0000
②	3.0000
③	3.0000
④	3.0000
⑤	2.9994
Range	0.0006

The measuring range
 $\phi 60$

Shalom could guarantee extreme parallel accuracy and surface accuracy without any chipping on the ground of all polishing process to be done by both sides wrapping precision machine.

By both side wrapping process, Shalom could provide the products on quick delivery and mass production.

Other business items

- Optical quartz · Monitor crystal · Production and sales of a quartz sensor
- Optical sapphire crystal · Production and sales of various crystal materials
- Hearth liner for attachment · EB filament Production and sales
- Production and Salea of a crystal related product
Optical goods and manufacturing and sales of an optical component
- Vacuum equipment and parts sales
- All kind of optical glass substrate sales
- All kind of grind and cutoff processing
(crystal, glass and new material, etc.)

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