

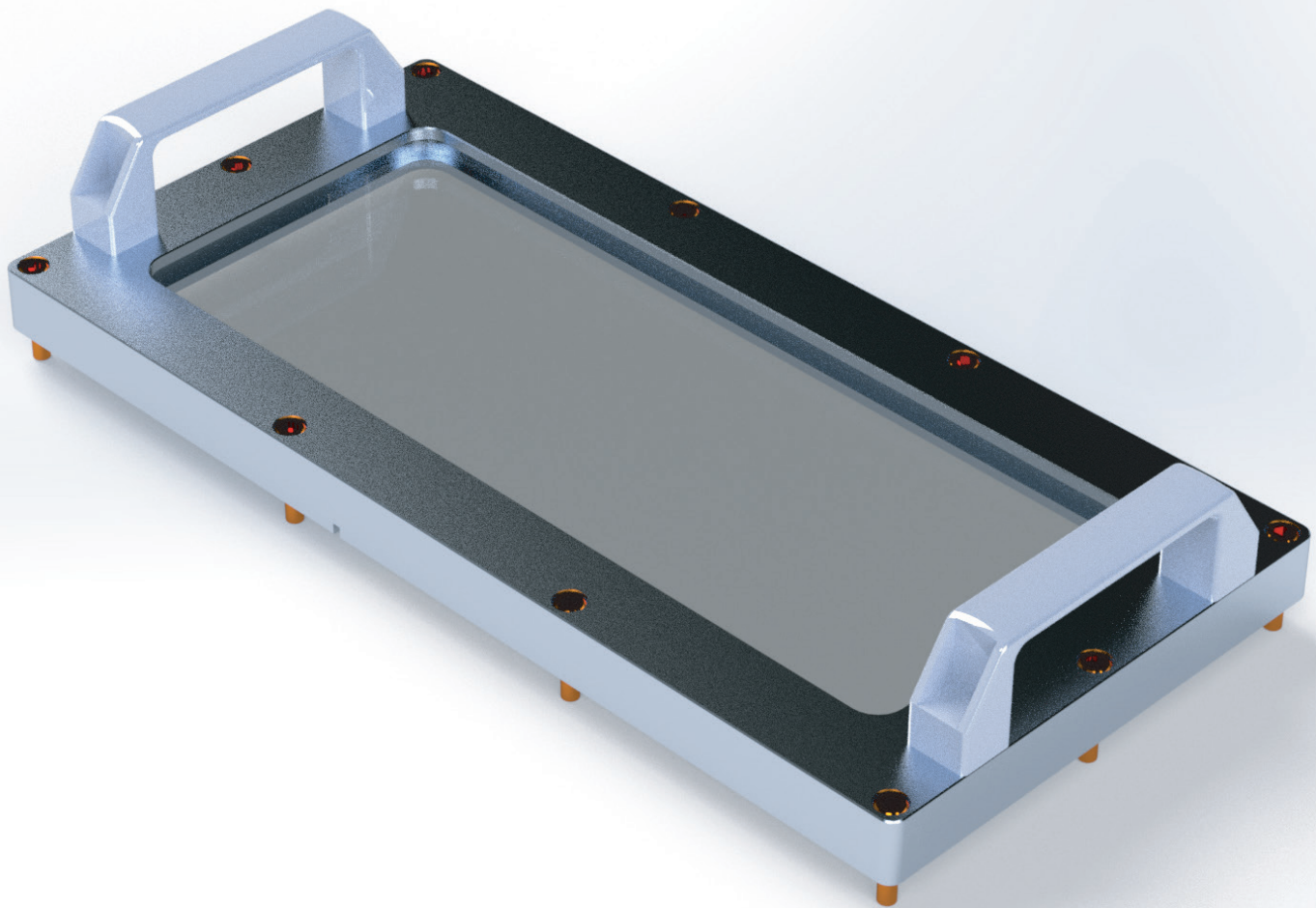


Viewport Catalog | 2020
www.tnglab.co.kr

sales@tnglab.co.kr
82-31-337-1018

kyeonggi University Industrial-Academic Cooperation Group
303, Suwon-Si Gyeonggi Do In Korea

Improve your productivity with Integral View Port



Benefits of smart view port

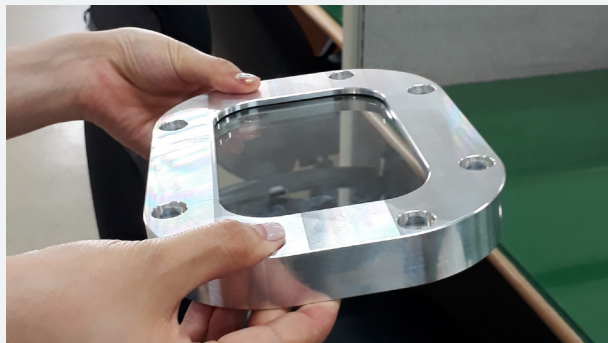
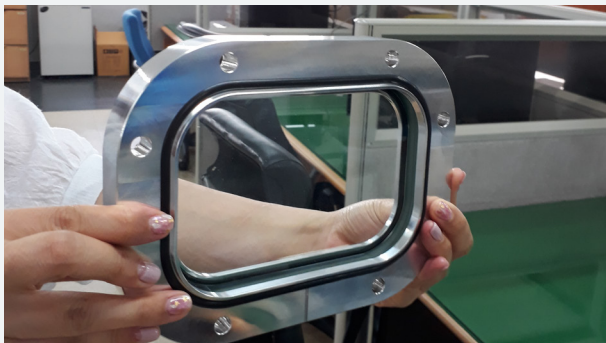
1. Innovative cost savings. (Material cost)

JKR040-G-A-V	JK160-G-A-V
Using : View port for sensor Standard Price : 55\$(USD) Case for Tempered Glass 70\$(USD) Case for quartz Special feature - Sensor fixed mounting tap provided The location of the tap can respond to customer requests - Same with ISO NW 40 interface	Using : View port for watching Special feature - Same with ISO NW 160 interface Standard Price : 170\$(USD) Case for Tempered Glass

2. Reduction of assembling time and part cleaning time / We provide bolt for assemble

Assemble working sequence before	Assemble working sequence with integral view
1st : Find the parts you need for assembly. 2nd : Clean all parts including O-rings. 3rd : Prepare the assembly bolt. 4th : Proceed with assembly.	1st : Proceed with assembly.

3. The assembly work can be done stably.



4. Simplify the BOM for your equipment.

BOM Before				BOM with integral view																																							
<table><tr><td>Level</td><td>Part number</td><td></td><td>Part name</td></tr><tr><td>3</td><td>TNG301-A2110-00A</td><td></td><td>View Port assy</td></tr><tr><td>4</td><td></td><td>TNG301-A2110-01A</td><td>Window Housing</td></tr><tr><td>4</td><td></td><td>TNG301-A2110-02A</td><td>Window</td></tr><tr><td>4</td><td></td><td>TNG301-A2110-03A</td><td>Damper flange</td></tr><tr><td>4</td><td></td><td>AS568-343</td><td>O-Ring</td></tr><tr><td>4</td><td></td><td></td><td>Bolt</td></tr></table>				Level	Part number		Part name	3	TNG301-A2110-00A		View Port assy	4		TNG301-A2110-01A	Window Housing	4		TNG301-A2110-02A	Window	4		TNG301-A2110-03A	Damper flange	4		AS568-343	O-Ring	4			Bolt	<table><tr><td>Level</td><td>Part number</td><td></td><td>Spec</td></tr><tr><td>3</td><td>TNG301-A2110-00A</td><td></td><td>JK160-G-A-V</td></tr></table>				Level	Part number		Spec	3	TNG301-A2110-00A		JK160-G-A-V
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Management of at least 4 parts is required.				Management just one purchase part																																							

- BOM is simplified.
- Product quality control is convenient.

Provides the convenience of application of the product.

1. There is no need to change the design of the existing chamber.

- Integral viewport is provided according to the interface of the customer's chamber.

(Within 48 hours after receipt of review request)

- We provide both 2D and 3D Cad data for our round and square viewports as standard.

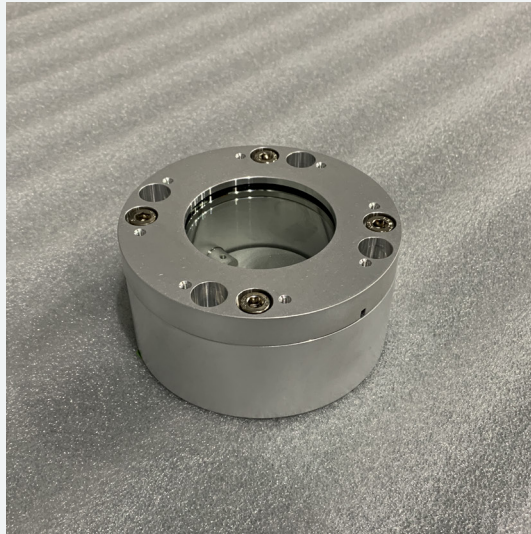
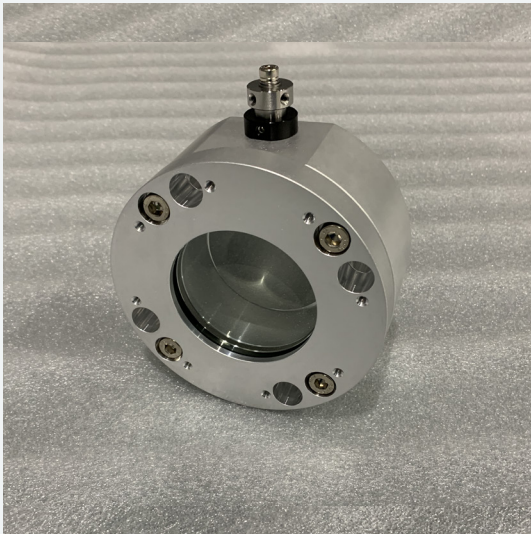
2. It is also possible to supply special-purpose View Ports. Integrated viewport with shutter

- Equipment in use : High vacuum deposition equipment

- Special feature

Shutter is SBB treated

NW63 (Sizes larger than NW63 are also available.)



2.2 Integral View Port for Dry Etcher

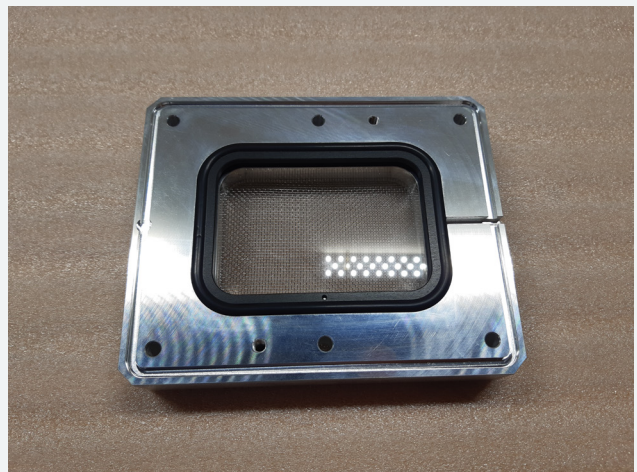
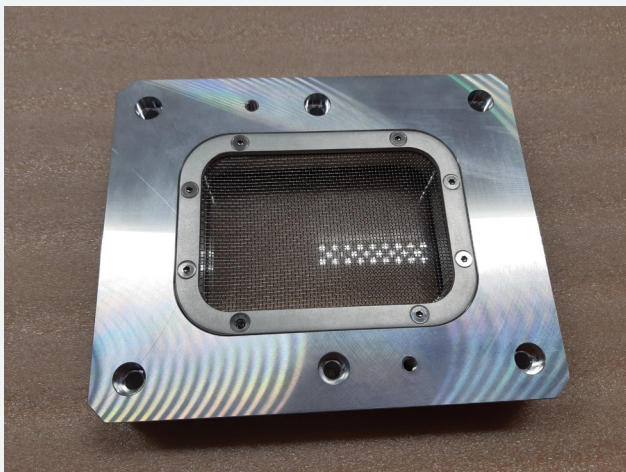
- Equipment in use : Dry Etcher equipment

- Special feature

All surfaces in contact with gas are hard anodized.

The outside is equipped with EMI-Mesh.

The O-ring has an outer diameter of 5.33 and a hardness of 70 or more.



Major customers Since 2017

It has been used in various types of vacuum equipment since 2017 and has been verified by many vacuum equipment companies.



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