

Partial adsorbing vacuum chuck

VM-6

Our innovative vacuum chuck VM-6 can be used for a variety of applications due to its **partial-adsorbing performance** and 1um fine pores.

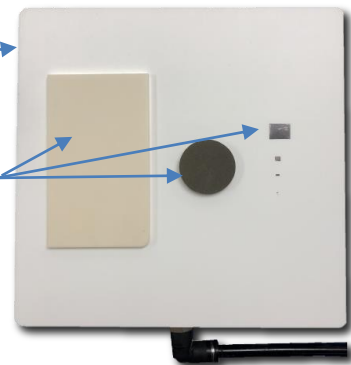
Normal ceramic vacuum chuck	<u>Partial adsorbing vacuum chuck VM-6</u>
<ul style="list-style-type: none"> ● It can not hold objects smaller than the porous surface ● It can not hold more than one object at a time. 	<ul style="list-style-type: none"> ● <u>It can Adsorb and hold objects smaller than the porous surface.</u> ● <u>It can Adsorb and hold <u>several</u> objects at a time.</u>
<ul style="list-style-type: none"> ● When it holds thin objects such as film, adsorption trace may be remained on the surface. 	<ul style="list-style-type: none"> ● <u>Beauce of its smoth surface (Ra1.4-2.0), it won't leave adsorbtion trace on thin objects surface.</u>
<ul style="list-style-type: none"> ● pores can easily be clogged with particles. 	<ul style="list-style-type: none"> ● <u>Because of its tiny pores (1μm), pores would not be clogged with particles.</u>

Application

- For holding small parts like Mems
- For holding thin objects like film
- For Conveying object by air floating
- Vacuum chuck for machining

Vacuum chuck →

Work pieces →



Maximum production size: We can produce large size chuck such as □2500mm by lining up

Necessary components: Vacuum ejector or vacuum pump

(Maximum flow rate over 100L/min and final vacuum degree over -90kpa are recommended)

It will hold any objects unless these cause vacuum leakage.

We have rental sample chucks to test if it works. Please feel free to give it a try!

WEB page : <https://nishimuratougyou.co.jp/item/sinkucyaku>

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