25 trust guarantees for eNOVA customers

Taiwan brand eNOVA 25 advantages of porous ceramic air flotation and vacuum chuck series products compared with other Taiwanese brands and Japanese brand homogenous products

Sequence	**Porous ceramic physical properties**	(A) **Taiwanese** eNOVA	(B) **Japanese** Brand N	(C) **Taiwanese** Brand C	(D) **Taiwanese** Brand G	(E) **Aluminum material array drilling platform**	**Remark**
1	**Material and product making**	★★★	★★★	★★☆	★☆☆	***	(A) High temperature sintered porous ceramic. (B)(C)(D) Medium temperature sintered porous ceramic.
2	**Porous ceramic plate Structural strength, Pore size, Porosity**	★★★	★★★	★★☆	★☆☆	***	(A) Xiao's hardness of 82 degrees，Aperture 2±1μ、Porosity >50±2% (Verification report with Japan brand N,) (eNOVA porosity exceeds 10% of Japan, and quality proves to be the world's number one) (B) Porosity >40±2% (Japan verification report) (C)(D) Hardness without data, Aperture >5~15μ、Porosity≦16~26% (Product data is internationally rated as a general product)
3	**Porous ceramic plate material stability**	★★★	★★☆	★★☆	★☆☆	*** Metal material has large stress deformation	(A) eNOVA Porous ceramic plate，Length and width are 500x500mm, thickness 5mm, After the plane grinding, the ceramic plate was allowed to stand for more 24 hours, and the change in the plane size was only 0.02±0.005mm (B)(C)(D) : The same (A) condition, the ceramic plane size changes between 0.3±0.01mm. (More than 10 times)
4	**Porous ceramic plate**	★★★	★★☆	★★☆	★☆☆	*** Metal material will accumulate static electricity	(A) **Antistatic material test data** 10^{7} ~10^{9} Ω (B) **Antistatic material test data** 10^{6} ~10^{9} Ω

	Antistatic						(C)(D) : No **antistatic material test data**
5	**Porous ceramic plate Anti-particle**	★★★	★★★	★★☆	★☆☆	*** Not applicable to clean room areas	(A)(B) **Anti-particle, Applicable clean room grade class** 10~100 microns (C)(D) : Not applicable to clean room areas
6	**Use Porous ceramic air conveyor Non-touch conveyor system Without roll mark on the panel**	★★★	★★☆	★★☆	★★☆	*** Using a blower system produces particles	(A)(B) Use Porous ceramic air conveyor Non-touch conveyor system Without roll mark on the panel (C)(D) The porosity of the ceramic is low, the rigidity of the gas film is insufficient, the supporting force is insufficient, and the panel may be rubbed with the ceramic during transportation.
7	**Product energy saving comparison**	★★★	★★★	★★☆	★☆☆	*** Dynamic pressure system	(A)(B) Low-pressure energy-saving, static air pressure and high rigidity air film produce high efficiency. (C)(D) Medium pressure energy consumption, static air pressure and weak rigid air film, performance difference.
8	**Customized specification product service**	★★★	☆☆☆	☆☆☆	☆☆☆	***	(A) From material development, product design, manufacturing, technical services. and non-fixed mold production module technology. We can meet the different specifications of customer. (B) Provide materials, Taiwan OEM, sold under Japanese brands (C)(D) Purchased ingredients, processed and sold.

9	**Lightweight ceramic modules for easy installation**	★★★	★☆☆	★☆☆	★☆☆	*** Aluminum material drilling module, huge amount of blower system equipment is not applicable.	(A) Special design, low energy consumption, high efficiency, lightweight and porous ceramic air floating module. (B)(C)(D) Complex and heavy modules.
10	**Panel safe transmission and precise positioning**	★★★	☆☆☆	☆☆☆	☆☆☆	*** Aluminum material drilling air floating platform, belonging to dynamic air pressure system, photoelectric clean room is not applicable.	(A) Static air pressure, high rigidity. Smooth and safe positioning of the conveyor panel. In March 2011, e NOVA ceramic air floating non-contact transportation system was successfully introduced into the fifth generation TFT-LCD panel production line of Terminal 1 InnoLux coporation in Zhu-nan Science Park, Taiwan. (B)(C)(D) Check no transactions in Taiwan.
11	**Special small size ceramic chuck**	★★★	☆☆☆	☆☆☆	☆☆☆	*** Will break the vacuum, not applicable.	(A) Exclusive technology, research and development, special specifications ceramic chuck with diameter below 30 mm, safe adsorption, not Breaking vacuum, no smear on the panel. (B)(C)(D) : No such product
12	**Porous ceramic pores are evenly distributed**	★★★	★★★	★★☆	★☆☆	*** Different attributes	(A)(B) Certified by customer long-term partition test ok. (C)(D) : No certification pass report
13	**Can be upgraded on the customer’s original equipment**	★★★	☆☆☆	☆☆☆	☆☆☆	*** Not applicable.	(A) The eNOVA ceramic air float module can be installed on the customer’s original roller transport equipment and become a contactless transport system. (B)(C)(D) : Product conditions do not apply.

14	**Suitable for high temperature applications**	★★★	★☆☆	☆☆☆	☆☆☆	*** Metal material, not suitable for high temperature fields.	(A) eNOVA porous ceramic plate for operation in a high temperature field of ≦ 950℃ degrees. (B) Material can only be used in the medium temperature field. (C)(D) Medium and high temperature fields are not applicable.
15	**Ceramic plate surface does not accumulate carbonized layer**	★★★	☆☆☆	☆☆☆	☆☆☆	*** Metal material, not suitable for high temperature fields.	(A) eNOVA porous ceramic plate can work in high temperature field without accumulating surface carbonization, resulting in changes in the characteristics of ceramic non-conducting. (10^{7} ~10^{9} Ω non-conductive resistance value) (B) Will accumulate carbonization layer and Thus change the resistance number to produce electricity (10^{0} ~10^{0} Ω will conduct electricity) (C)(D) Medium and high temperature fields are not applicable.
16	**Stable adsorption, No smear, Non-break vacuum**	★★★	★★★	★☆☆	★☆☆	*** Will break the vacuum and have a smear, not applicable	(A) (B) Ceramic chucks can absorb wafers, panels, films, etc., as well as other ultra-thin materials for processing operations, safe and reliable without leaving traces. (C)(D) Weak adsorption.
17	**Ultra-large volume ceramic chuck, super thin film smooth adsorption**	★★★	☆☆☆	☆☆☆	☆☆☆	*** Will break the vacuum and have a smear, not applicable.	(A) Adopted by a medical technology company in Colorado, USA, successfully applied to a precision process record with an area of 1,000 x1,000 mm and a film thickness of only 10μ. (B)(C)(D) Check no transactions in the industry.
18	**Air float, Chuck, positive and**	★★★	★★★	★★☆	★☆☆	*** Will break the vacuum and have a smear, not applicable	(A) eNOVA ceramic air floating vacuum chuck system for any size of wafer, manual and panel automatic slitting machine…etc.

	Pressure sharing system						(B) Check no transactions in the industry. (C)(D) Air buoyancy and adsorption are weak, not applicable.
19	**Non-contact positive and negative pressure optical detection platform application**	★★★	★★★	★★☆	★☆☆	*** Different attributes, No relevant data.	(A) According to the precise requirements of the optical inspection platform, the e NOVA ceramic vacuum chuck can simultaneously start the positive and negative pressure function design, and the panel floating stability can be controlled within the 2±1μstable range. ◦ (B)(C)(D): No relevant data.
20	**Magnetic, non-magnetic, ultra-thin optical material grinding system application**	★★★	☆☆☆	☆☆☆	☆☆☆	*** Will break the vacuum, not applicable	(A) A good helper in the precision grinding industry, e NOVA's exclusive technology, the latest combination of dry and wet shared ceramic vacuum system machine, with the use of ceramic vacuum chuck module, can completely solve the problem of ultra-thin material grinding and clamping tools, the product began in May 2019 Sales. (B)(C)(D) No similar system.
21	**Product quality control**	★★★	★★★	★★☆	★☆☆	***	(A) eNOVA quality is trusted respected by our Customers. (B)(C)(D): No relevant information.
22	**On-time delivery commitment**	★★★	☆☆☆	★☆☆	★☆☆	***	(A) Keeping promises on delivery, we must let customers rest assured. (B)(C)(D): No relevant information.
23	**Professional experience and professional services**	☆☆☆	★★☆	★☆☆	★☆☆	***	(A) eNOVA With more than ten years of market performance and experience. We can provide professional technology to help customers solve the overall problem.

2 4	**Same quality products, our price is the cheapest**	★★★	★★☆	★☆☆	★☆☆	***	(A) eNOVA Taiwan's technology, the best quality, the most affordable price.
2 5	**Thank you for trust And satisfaction**	★★★	★★☆	★☆☆	★☆☆	***	(A) : eNOVA Porous ceramic products high efficiency, low energy consumption, by the long-term use of customers to prove that compared with other companies homogeneous products, the most saving operating costs, the overall performance of the highest cost-effective.
Note	1. (A) **Taiwanese** brand **eNOVA** (B) **Japanese** Brand N (C) **Taiwanese** Brand **C** (D) **Taiwanese** Brand **G** (E) **Aluminum** material array drilling platform 2.(A)(B)(C)(D) Main material : Porous ceramic / Air pressure system matching # Positive pressure : Air compressor / Negative pressure : Vacuum machine, Vacuum generator / Positive pressure generating gaseous state : Static pressure. 3. (E) Main material : Anode aluminum material Matching / Positive pressure system : Blower system / Negative pressure system : Vacuum generator / Positive pressure gas : Dynamic pressure 4. Customer evaluation: ★★★ Optimal / ★★☆ Sub-optimal / ☆☆☆ Pass or not applicable / *** Aluminum material : Different attributes, not applicable or no comments.						