



Numerical Control Five- axis
Automatic Polishing Machine



Programmable Constant Temperature
and Humidity Test Chamber



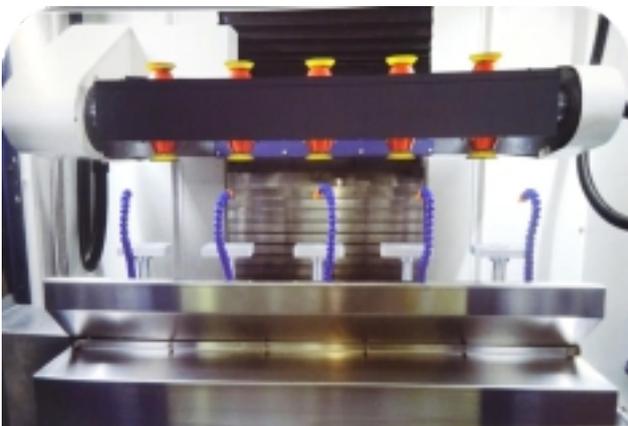
CNC Probing System



Numerical Control Five-axis Automatic Polishing Machine

As the market competition becomes more and more fierce, the appearance requirements of the products become higher, and the design IDs of the products required by customers become more changeful. From the previous planar design to the multi-surface, cambered, and irregular faces design, this puts forward higher requirements for the production end. Especially the surface grinding and polishing process has a decisive impact on the final appearance of the product. Previously simple hand grinding or surface polishing could no longer meet the increasing appearance needs of customers.

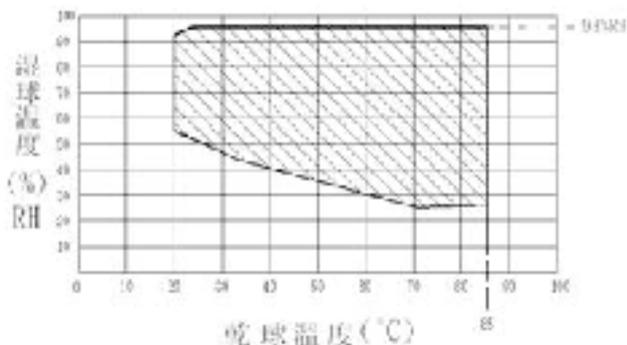
The automatic polishing equipment has been developed and put into use by Victor Aluminum Co., Ltd. The equipment has many advantages and practicability.



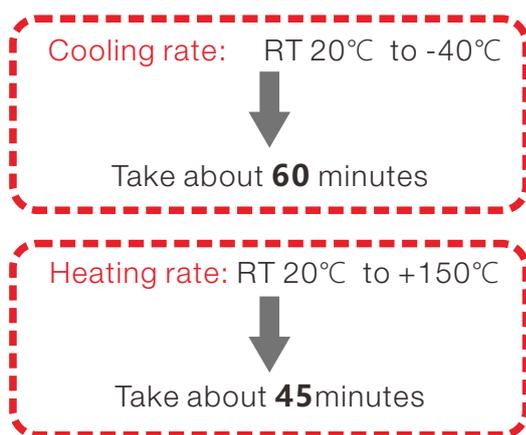


Programmable constant temperature and humidity test chamber is necessary test equipment in the fields of electrical appliances, aviation, automobiles, household appliances, coatings, chemicals, scientific research and so on. It is used to test and determine the parameters and performance of electrical, electronic and other products and materials and surface treatment after temperature environment changes in high temperature, low temperature, humidity and heat degree or constant test.

Victor Aluminum Co., Ltd. has high requirements for appearance and reliability of the products. We can meet its requirements of surface treatment reliability test and improve the market competitiveness of Victor Aluminum Co., Ltd.

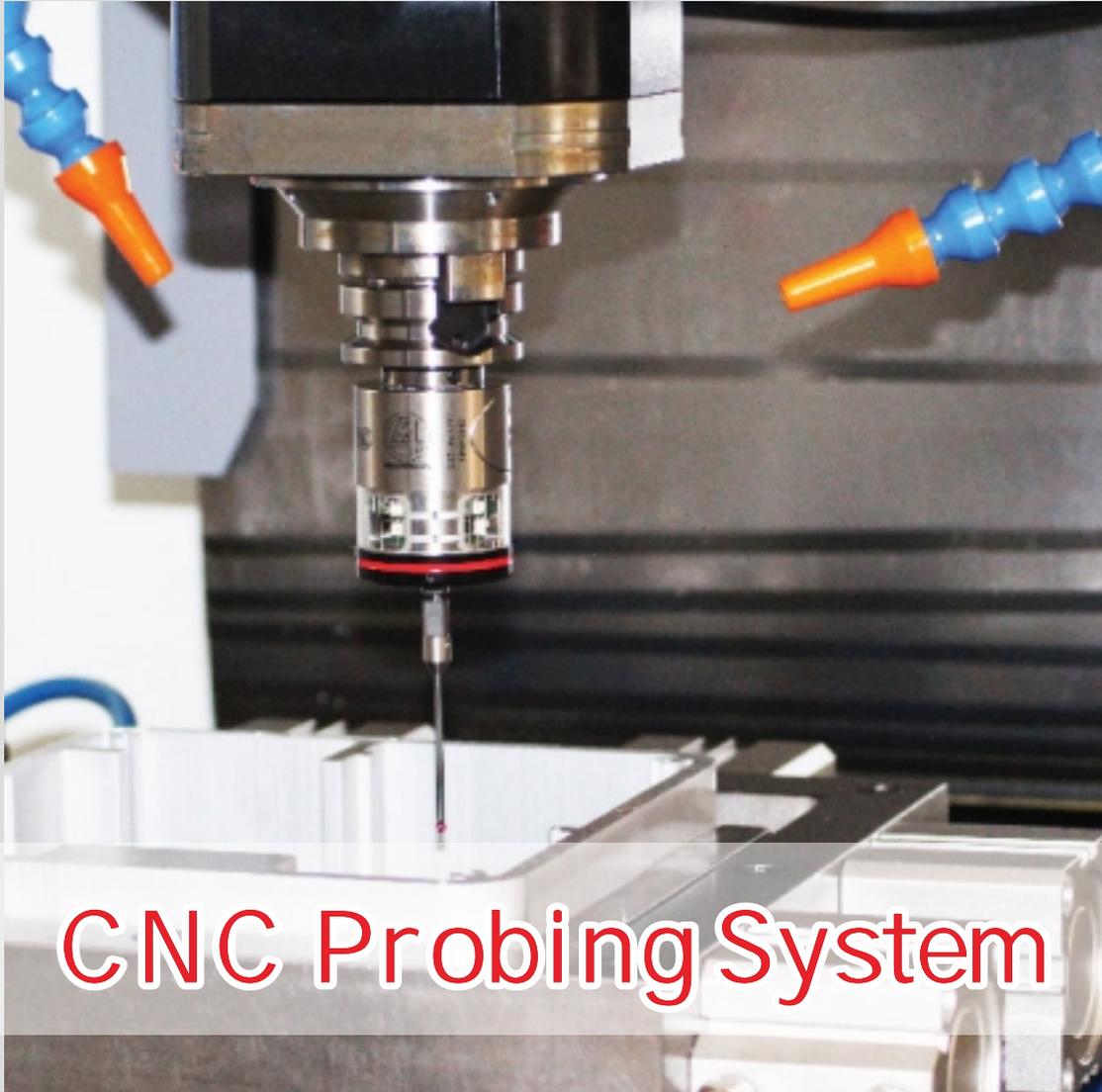


(Temperature and humidity can be performed simultaneously within the dashed line range of the chart, and only a single temperature can be performed outside the dashed line range)



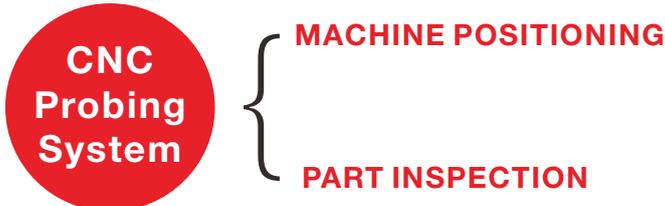
规格:

| | |
|-------------------------------------|---|
| Inside dimension | 600*600*750mm |
| Outside dimension | 1270*950*1700mm |
| System | Temperature and Humidity Balance Control System |
| Temperature and humidity ranges | -40°C to 150°C 25% to 98%RH |
| Temperature and humidity accuracy | ±0.3°C ±1.5%RH |
| Temperature and humidity uniformity | ±2.0°C ±5.0%RH |
| Heating time | About 70 minutes from -40°C to 150°C |
| Cooling time | About 60 minutes 20°C to -40°C |
| Materials | SUS304# stainless steel plate |



To overcome low efficiency and instability of manual testing, CNC probing system has been introduced to manufacturers and becomes indispensable for enhancing fabrication precision. It measures against the characteristics of a machine part, and adjusts fabrication programming for better machinability and size detectability of a finished product.

CNC probing head is commonly used in machine positioning and parts inspection.



MACHINE POSITIONING

CNC probing system auto-detects position of the machine part, and auto-updates tolerances on related parts so that fabrication can be resumed after re-positioning. This saves high cost on jig tooling and the inconvenience of using a manual caliber, precludes human errors, and improves mass production stability.

PART INSPECTION

During fabrication process, the CNC probing head will inspect critical dimensions of an individual part, while auto-updating tooling offset compensation values to be applied in upcoming job. Upon completion of current job, the probing head will re-inspect for dimension conformity.

A series of CNC probing system have been in commission in our facility, which greatly improves production reliability over manual process, makes it possible for custom fabrication, and sends a warranty on production consistency and precision.

COMPANY PROFILE

Our company was founded in year 2000. Being a company specialized in sophisticated alloyed aluminum fabrication and high-end surface treatment, M Victor is not only refined with hands-on experiences through years of accumulation through the sector chain of precision manufacture, but also with unparalleled wealth of knowledge enriched from company operation and management process, which enables the company to offer solutions in overcoming design and production bottlenecks in high-end aluminum fabrication.

In Jiangmen High-tech industrial Park, we have invested in construction of our new cyber-physical powered Smart Plant embracing the core industry 4.0 design concept. The new plant, residing on an area of 100,000 square metres, comprising a global lab of aluminum-magnesium surface treatment and a smart CNC lab centre with its own casting house and stamping workshop, will add on a new chapter of consummate expertise to the venture of JM Victor.

Our Mission Statement

We stand by our commitment to share the harvest and happiness with our staff and workers, create value for our customers and cultivate a company culture with a vision. This is the foundation for the sustainability and continuity of our company and our business.



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