

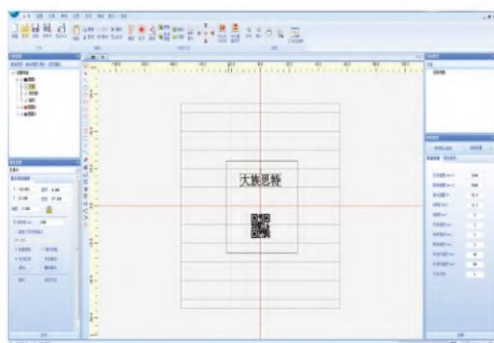
GMC CONTROLLER

PRODUCT INTRODUCTION

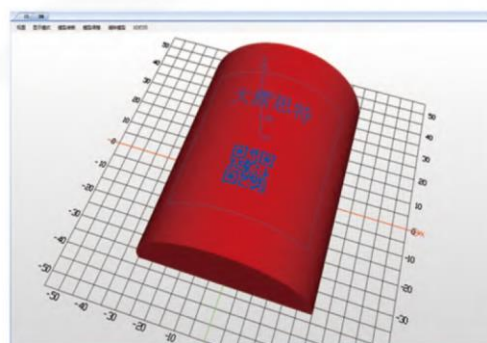
After many years of technology accumulation ,Han's Scanner developed the GMC controller with high precision ,high resolution ,powerful functions ,ease of integration etc.A variety of powerful features can help customers to complete a variety of challenging work ,such as galvanometer and laser synchronous control function,galvanometer and external precision motion platform(4-axis) linkage function .High precision correction algorithm ensures positioning accuracy in large area machining .It provides C # C++ secondary development interface ,compatible with 32-bit/64-bit Windows operating system,convenient for customers to flexibly develop PC software .

ScanWorld laser processing software user-friendly interface ,easy to operate,easy to use.It supports STEP ,IGES ,STL and other 3D graphics format parsing .It supports 3D graphics creation ,editing and layering .It supports 3D surface marking and 3D embossing .

SOFTWARE INTERFACE



二维界面
2D Interface



三维界面
3D Interface

PRODUCT SPECIFICATIONS

THE GALVANOMETER CONTROL
Support Max.255 GMC for one computer
Support synchronization control of two scan heads
XY2-100,SPI,ST2-100 protocol

THE LASER CONTROL
DB25 interface
10ns resolution ,20Ma laser control signal
Support scan head and laser synchronization compensation function
Configurable laser control mode compatible with different types of laser control mode

PERIPHERAL DEVICE CONTROL
7 digital output signals
6 digital input signals
Two 0-10V analog signal outputs
Stepper motor control

COMMAND AND CONTROL
Circle ,ellipse, vector marking
Date,time,bar code,two-dimension code marking
Skywriting
Marking on the fly
3D surface marking and 3D engrave function
Polygon scan head control function
High power welding function
Four axis linkage function

SYSTEM REQUIREMENTS
16G SD card
Support offline Working mode
±15V/1A DC power supply
100M /1000M Ethernet
Windows 10/8/7(32 bit &64 bit)