

FOUR-AXIS LINKAGE SYSTEM

The four-axis linkage system is mainly composed of XY galvanometers , XY motion platform ,platform driver, GMC control card and general marking software. It has the function of infinite field of vision ,synchronize the linear servo and laser scanning galvanometer .When the high dynamic performance of the scanning galvanometer is combined with the large stroke range of the servo platform ,a larger working range can be continuously processed than that of the traditional galvanometer ,without the need for stitching the working area .The four-axis linkage system not only expands the working range of the scanning galvanometer system and application range of a single optical device ,but also avoids the interaction between the laser beam range and the available working range ,and the improves the processing quality and the production of large parts .

FEATURES

Using GMC control card independently developed by Han's Scanner , the system can achieve high speed ,high precision laser processing .

Import standard of vector format , can support secondary development based on C++ ,C#.

Suitable for Han's Scanner series scanning galvanometers , compatible with the other galvanometer with XY2-100 Communication protocol .

Only one control card is enough to realize real-time synchronous linkage control between the galvanometer and the platform.

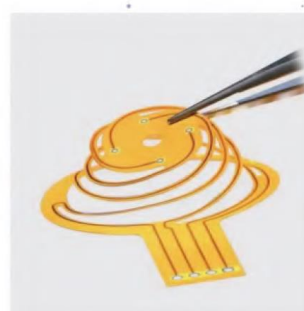
APPLICATION SCENARIOS



UV钻孔
UV drilling

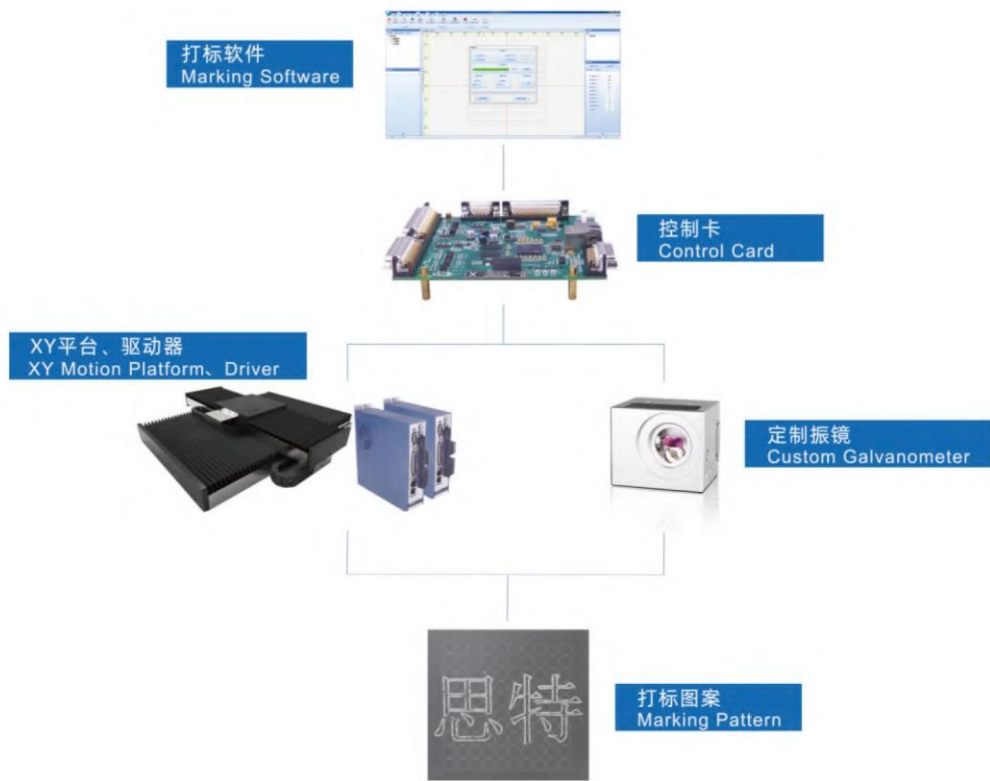


OLED屏加工
OLED processing



FPC切割
FPC cutting

FOUR AXIS LINKAGE SYSTEM SCHEME



加工精度为5um@130mm行程
The machining accuracy is 5um@130mm stroke