

Capabilities

Chyuan Chiao is a leading Chinese custom manufacturer of hermetically sealed (GTMS or glass-to-metal seal) connectors, headers, terminals, and microelectronic packages. Designed by our customers or in conjunction with Chyuan Chiao - our custom products withstand the most severe environments imaginable. Chyuan Chiao custom glass-to-metal seal products are used for aerospace, defense, and industrial applications.

Metal Fabrication :

Capable of providing GTMS products using the latest CNC machining centers to create shells and metal housings from Kovar, Nickel Alloy, Stainless Steel, CRS, Mumetal, HyMu80, Aluminum. Electrodes and contacts: Nickel Alloy, Kovar, Stainless Steel. Explosive-bonded dissimilar metal housings.

Tool Shop :

Equipped to fabricate all tooling necessary to support the products manufactured: Glass dies, punch pre dies, assembly tooling , lead chop tooling, EDM, blank and draw dies.

Furnaces for GTMS Sealing/Brazing :

Mass production sintering furnaces and ENG / sample sintering oven - Single glass beads and multi-pin beads

Cleaning :

Complete capability for the chemical and mechanical removal of sealing oxides and passivation of metals.

Plating (NADCAP) :

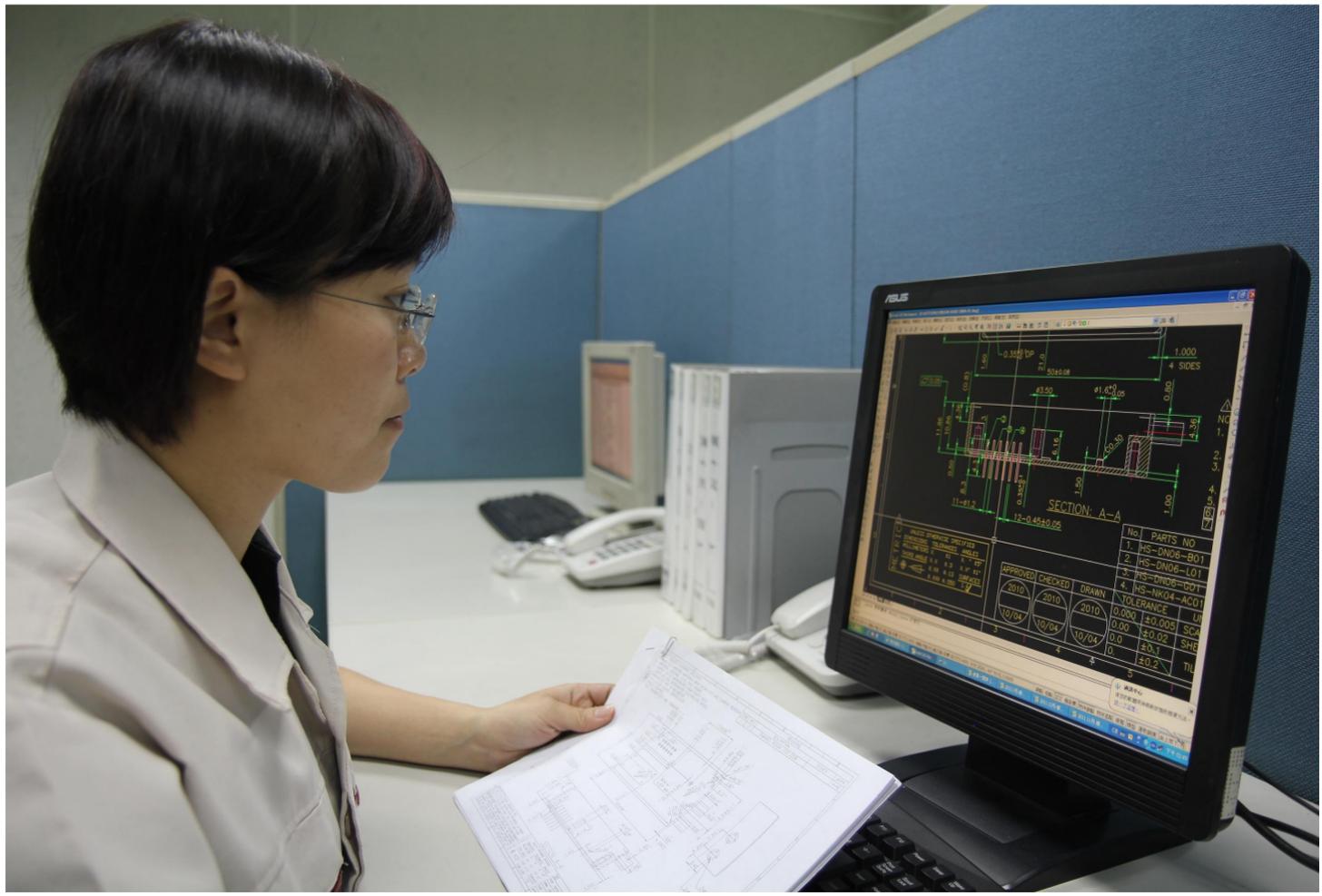
Nickel, Gold, Silver, Copper, Palladium, Pure Tin , Tin-Lead, Eni plating, Electropolishing of stainless steel. Verification of plating thickness and analysis - X-Ray fluorescent measurement equipment, atomic absorption spectrophotometer and CNC image measuring systems

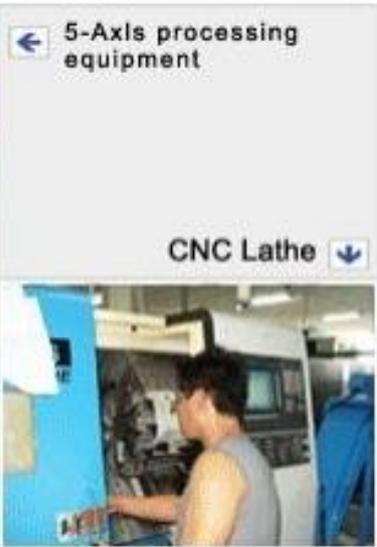
Quality Control :

Our Quality System is ISO 9001.2008 (NSF) certified and has been approved for many major programs by many world leading companies

Inspection / Testing :

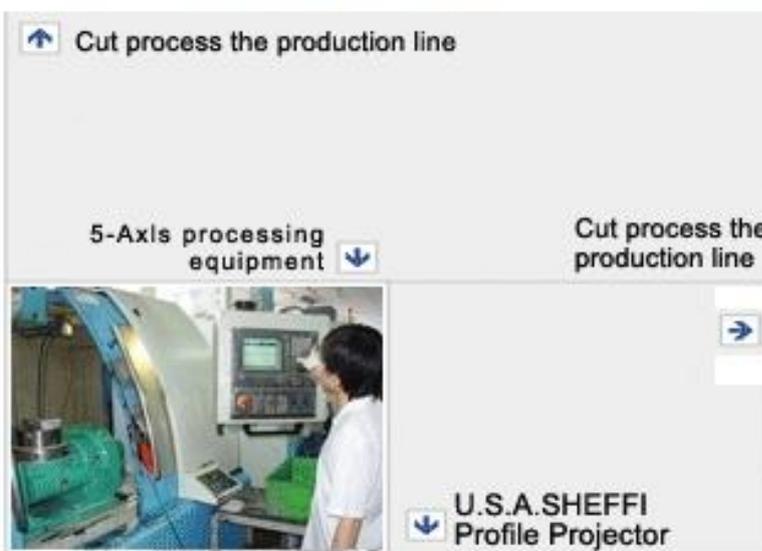
- * Optical measuring machines
- * Pressure testing
- * Steam age / solderability testing
- * Insulation resistance testing
- * Thermal cycle / shock Testing
- * Humidity testing
- * High pot testing
- * Hermeticity (leakage) testing





← 5-Axis processing equipment

CNC Lathe ↓

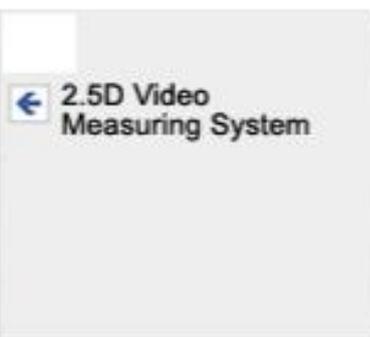


↑ Cut process the production line

5-Axis processing equipment ↓

Cut process the production line

↓ U.S.A. SHEFFI Profile Projector



← 2.5D Video Measuring System

↑ Three points is examined

← Analyze high video measuring system







⚠ 警告

注意事項

- 電源ケーブルは必ず接地してください。
- 電源ケーブルの断線や破損により感電の恐れがあります。
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取扱方法

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The control panel is a dark grey rectangular area on the front of the machine. At the top is a semi-circular gauge with a needle and a scale. Below the gauge are three vertically stacked rotary knobs with white faces and black markings. At the bottom of the panel is a black power switch. The brand name '尚誠人' is printed at the bottom of the panel.

尚誠人
SHOJOSHIN





A photograph of a Helium Leak Detector (MSE-2000) on a white table. The device is white with a black base and a control panel on the right side featuring a screen and buttons. A sample chamber is on top. In the background, there is a large gas cylinder and a tissue box.

HELIUM LEAK DETECTOR
MSE-2000



