

OEM / ODM Service



HC Bio-S
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About HC Bio-S

Hung Chun Bio-S was established in year 2007, with it's main operational facility and office in Southern Taiwan Science Park. We started out by producing precise Mold & Tooling. Thanks to the know-how in metal fabrication business, we've obtained sufficient technique to upgrade ourself to high-level implantable medical devices and to serve as OEM service provider. Being the largest manufacturer in dental implant, bone plate, bone screw and surgical kit of Taiwan, we have abundant experiences in OEM service for international big names, one-stop contract manufacturing capability, automatic production equipments, R & D capability and a professional consultant team composed of Medical Doctors.

More info. !



What can we Do ?

Hung Chun Bio-S possesses 15 CNC machines that are equipped with a wide variety of toolings, which provide customers various medical device solutions, e.g., Dental Implant, Abutment, Bone Screw, Bone Plate, Surgical Kit ... etc.

CNC Capacity :

Dental Implant : 40,000 pcs / per mon

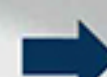
Abutment : 100,000 pcs / per mon



Raw Material



CNC



Surface Treatment



Cleaning

Surface Treatment Technology

- Sandblasting
- SLA surface treatment
- Titanium Anodization (To apply colour to Titanium)
- Electropolishing for stainless steel devices
- Laser Labelling / Laser Marking (For device identification)

Medical Degree Clean Room Service & Packaging

Hung Chun Bio-S possesses class-1000 clean room and automatic wash equipment.



Packing



Sterilizing

Our Quality Control Standard

01
Step



Clean Room

In order to ensure our products are made and packed in a clean environment, dust and microbes level are under strict control on a daily basis.

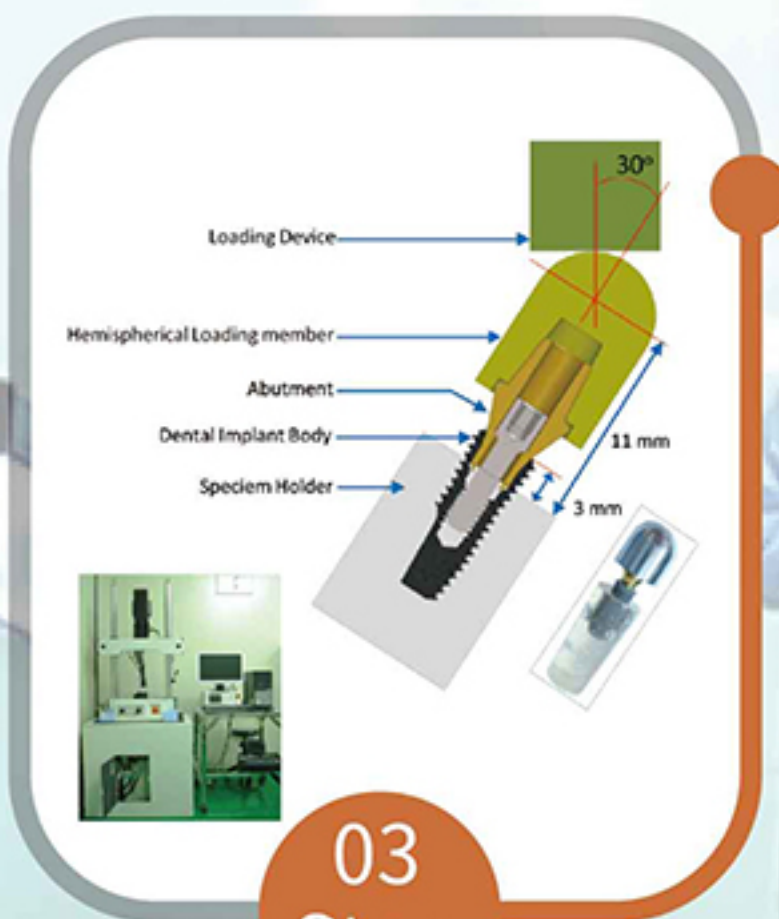
02
Step



Endotoxin Test

In order to ensure the highest clean degree, residual & remains left on the surface of implant will be extracted then to receive toxicity examination.

03
Step



Physics & Mechanical Property Test

We are equipped with various physics and mechanical property test instruments, such as Hardness\Fatigue\Extension\Flexural Strength\Torque Strength ... etc.

SEM / EDS

Analysis to the surface appearance, after surface treatment. Technical appraisal of composition of the surface.

04
Step



05
Step

Optical Measuring

To measure the dimension of implant appearance by optical projector instrument.



Automatic Contact-Style Measuring

Important factors for each and every implant, such as the dimension of connection hole, will receive examination by automatic contact-style measuring instrument.

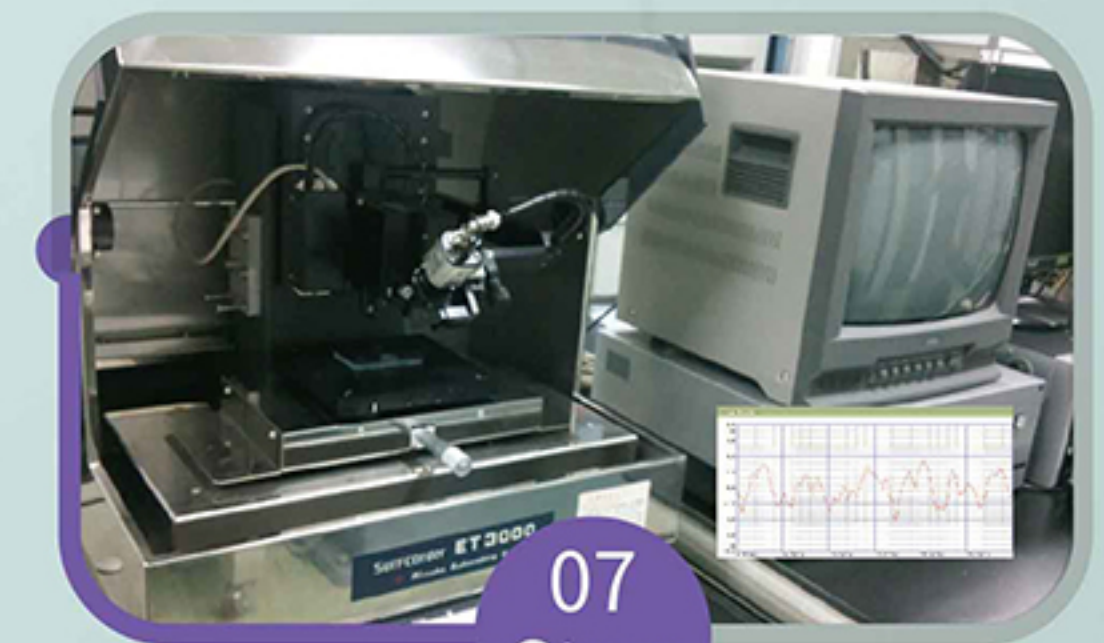
06
Step



Roughness

Analysis to surface roughness degree and the thickness of coating. Such test is more precise than projector-style examination.

07
Step





What Certification we have?

Hung Chun Bio-S has been certified by **GMP** and **ISO 13485** quality assurance systems on dental implant, surgical kits, bone plate bone screw, bone graft and spine fixation screws. In addition, Hung Chun Bio-S has been providing OEM services for several dental implant brands. Moreover we help them to obtain TFDA, FDA, CE, SFDA Certificates etc.