Your-dream Co., LTD

DOMESTIC LOCATIONS





Facility of the factory

Machine Type	Qt	Spec.
CNC Machines - 5 Axis	2	Spinning Speed 24000mm Accuracy0.005mm
CNC Machines – 3 Axis	5	Spinning Speed 24000mm Accuracy0.005mm
CNC Machines – Lathing	5	Spinning Speed 10000mm















Engineering

- Production CNC
- Production Tooling
- Electronics Support

- Mechanical
- Appearance Model



Trial Production

Test Sample / Prototyping

- Mechanical parts fit tests, material variation comparison etc...
- Appearance model, dummy model, high end model, functional model, electrical module etc...



Production

Mass production / Limited production

CNC machining production

- Injection molding, die cast, extrusion, double injection etc...
 - Provide FAI samples, DFM, color chips, limited samples, inspection report.
 - EE support, PCB, IQC OQC inspection, assemble.
- Assembling area: for prototype | for production (full assemble, sub assemble)

Color Systems





















Precision / Finishing







Anodize (Any color except white), PVD (limited range), Chrome, plating, Chemical etching, Laser etching, All kinds of printing. (Silkscreen, Pat print, Mirror print etc.)

Polishing, Bead blast, Brushed, Vapor Polished, All kinds of paint.

(Color can be spec out from all kinds of color system or provide any kind of sample for matching)

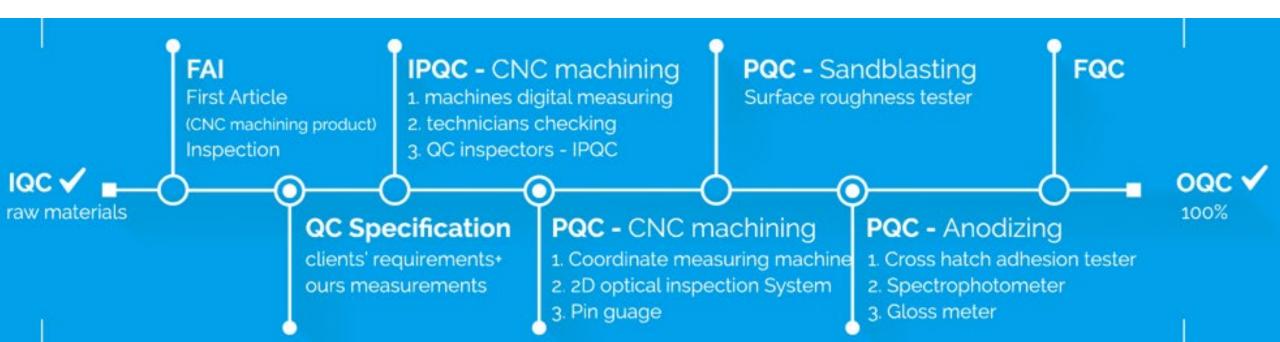
Over molding, Silicone, Rubber, Urethane. Inlay demands or stones, Gold plate, silver plate.

Leather, fabric wrapping on foam or rubber or plastic. Heat press soft good covers. Sewing.

QUALIRTY MANAGEMENT



As the global business becomes increasingly competitive, the quality of your product is assured through the entire manufacturing process. The quality process starts with carefully and accurately translating our client's needs and then systematically executing it in exact detail in order to meet the mutual targeted goal 100%.



QUALIRTY MANAGEMENT



Item	Instrument	Accuracy	Min. Value	Calibration Cycle
1	Hardness Tester	+/- 1.0	0.1	Once every year
2	2D optical inspection system	+/- 0.003 mm	0.001mm	12 Month
3	3D CMM	+/- 0.003 mm	0.001mm	12 Month
4	Pin Gauge	+/- 0.003 mm		Replace every 24 Month
5	Height gauge	+/- 0.0025 mm	0.001mm	12 Month
6	Micrometer caliper	+/- 0.003 mm	0.001mm	12 Month
7	Vernier caliper	+/- 0.02 mm	0.01mm	12 Month



Hardness Tester



2D optical



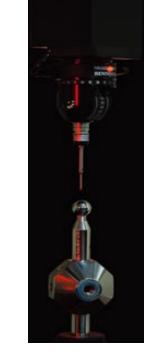
Micrometer caliper



Ring gauge/Ping gauge/ Thickness gauge



Height gauge



CMM

QUALIRTY MANAGEMENT



Item	Instrument	Accuracy	Min. Value	Calibration Cycle
1	Surface Roughness Tester	+/- 5 %	0.001µm	Once every year
2	Rubber Sclerometer	+/- 1	1 degree	12 Month
3	Pencil Scratch Hardnesss Tester			N/A
4	Coating Thickness Tester	+/- 0.003 mm	0.0001mm	12 Month
5	Spectro Color Meter	△E*ab 0.2	0.01	12 Month
6	Cross Hatch Tester			N/A
7	Color Inspection Light			Replace every 2000hr
8	Gloss Meter	+/- 0.5G U	0.1 G U	Once every year



Spectro Color Meter











Gloss Meter







Color Inspection Light

Pencil Scratch Hardness Tester Surface Roughness Tester

Surface Hardness Tester

Cross Hatch Tester

Rubber sclerometer

Organization and Flow Chart: Product Development Process





Sales Dept.



Project Management Dept.



Innovative Color & **Material Center**



CAD/ CAE Dept.



Project Management Dept. | Innovative Color Production Control & Material Center



Purchasing Dept. Dept.



Manufacturing Div.



Quality Assurance Dept.



Surface Engineering Dept.



Painting Labs



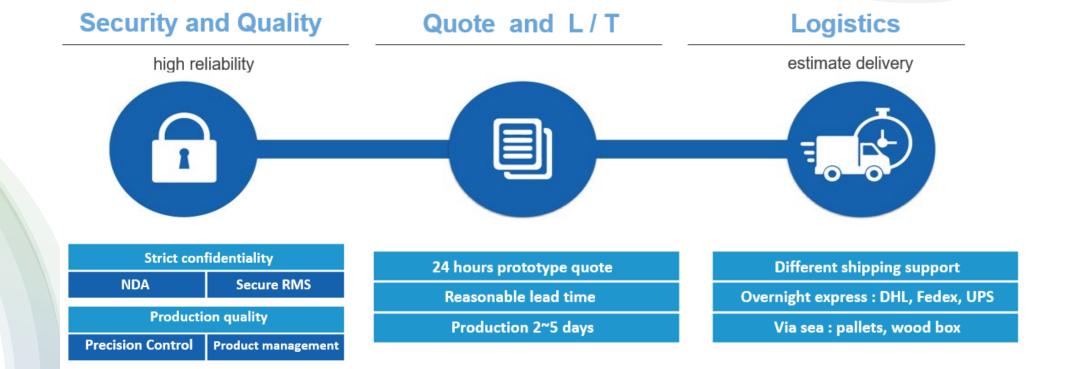
Printing Labs



Assembly Dept.

PROJECT FLOW





AVAILABLE PROJECT MANAGEMENT SERVICES





PRODUCT DEVELOPMENT

Our experienced designers can answer your questions and make recommendations on the model design and material based off their years of experience.



PROTOTYPING

We offer our decades of experience, our expert guidance, and a variety of different prototyping options to effectively turn your concept into reality.



SUPPLY CHAIN MANAGEMENT

Helping to determine and source the right type and amount of raw materials for your project, we handle every step of the way.



PRODUCTION PROJECTIONS

Our engineers and machinists have designed and created parts and components for years and can accurately project your delivery time and costs from the very beginning.



POST MANUFACTURING SERVICES

We have a variety of in-house finish and design options available for your project once it comes off the production line.

Capability



Drogogo	Your-Dream
Process	Capable? (Y/N)
Milling	Y
Lathing	Y
Turning Milling Machine	Y
Stamped	Y
Bent	Y
Welded	Y
Forming	Y
Injection Molding	Y
Silicone Tooling	Y
Molded	Y
Over Mold	Y
Vacuum Casting	Y
Forging	Y
Die Casting	Y
MIM	Y
3D Printing	Y
MJP	Y
SLA	Y
	Lathing Turning Milling Machine Stamped Bent Welded Forming Injection Molding Silicone Tooling Molded Over Mold Vacuum Casting Forging Die Casting MIM 3D Printing MJP

Available Material



Class	Material	Material	Your-Dream Capable? (Y/N)
	ALUM	Copper	
	Extrusion	Nickel Alloy	
Metal	SS	Titanium alloy	Y
	SUS	Zinc Plate	
	Brass	Forging	
	Peek	ABS	
	Fiberglass	PC	
DI	Delrin	POM	
Plastic —	UHMW	PC+GF	Y
	NYLON	PC+ABS	
	Acrylic	NYLON+GF	
Coft Matarial	Urethane	Rubber	
Soft Material	PU	PP	Y

Available Finishing



ITEM	PROCESS	ISO 9001	NADCAP
1	Chromic anodizing	V	V
2	Sulfuric anodizing	V	V
3	Boric/ Sulfuric anodizing	V	V
4	Phosphoric anodizing	V	V
5	Hard anodizing	V	V
6	Hard coating with Teflon-impregnated	V	V
7	Chemical Conversion coating (Hexvalent)	V	V
8	Chemical Conversion coating Trivalent (RoHS)	V	\mathbf{V}
9	Chromium	V	X
10	Passivation	V	V
11	Elecroless nickel	V	V
12	Nickel	V	X
13	Zinc Plating (Silver ,Gold)	V	X
14	Zinc-Nickel	V	X
15	Zinc Iron Alloy Plating	X	X
16	Electrodeposited Coating	V	X

Available Finishing



ITEM	PROCESS	ISO 9001	NADCAP
17	Cadmium	X	X
18	Electroless Nickel Immersion Gold(ENIG)	V	X
19	Tin	X	X
20	Phosphate coating	V	X
21	Black oxide	V	V
22	Electropolishing	V	V
23	Painting	V	V
24	Dry film lubricant	V	X
25	ISONITE	V	X
26	Sputtering	V	X
27	Chemical Etching	V	X
28	PVD	V	X
29	Powder Coating	V	X
30	Heat Treatment	V	V
31	DLC	V	V
32	Electro-Polish	V	V

Thank You