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**总公司 HQ:**

金桥铝材集团有限公司

Kam Kiu Aluminium Products Group Ltd.

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**生产基地 Production Facility:**

台山市金桥铝型材厂有限公司

Taishan City Kam Kiu Aluminium Extrusion Co.,Ltd.

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# Company I



## Remelting

—Ultrasonic flaw detection in Aluminium billets.



## Extrusion Process

Kam Kiu possesses 34 extrusion presses equipped with power frequency



## Precision Machining

Kam Kiu is equipped with 3-axis to 5-axis CNC precision machining centers

## Surface Treatment

Kam Kiu has several anodizing lines, for producing anodized, colored and



## Testing Centre

Kam Kiu has a completed testing system to guarantee the consistency



ISO9001:2015

IATF16949:2016

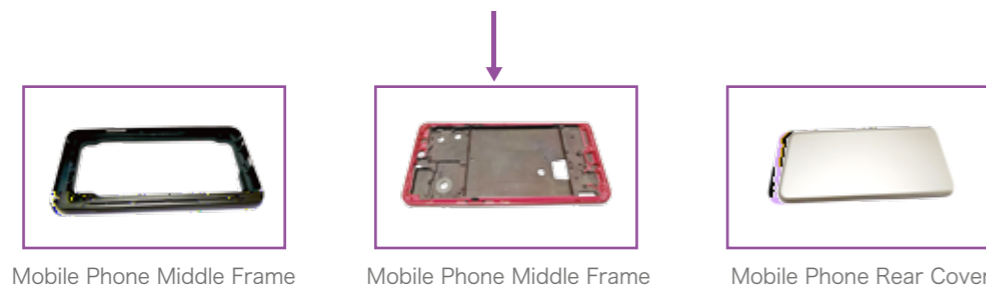
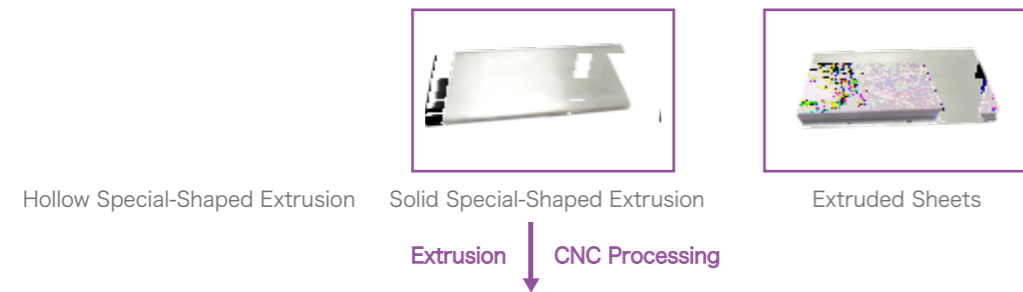
ISO 14001  
GB/T24001:2015



## Consumer Electronics

### ■ Production ability of mobile phone products, development and optimization ability of new alloys:

#### • Production ability of mobile phone products:

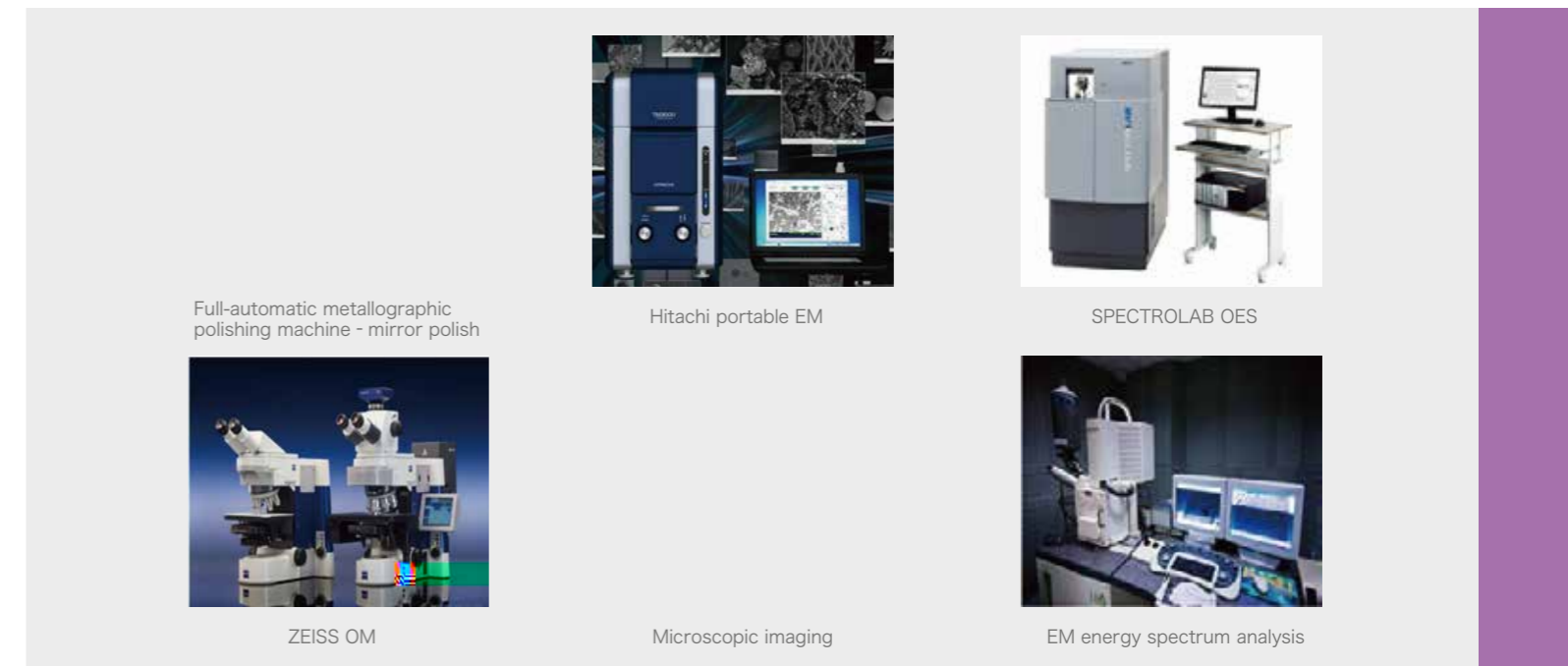


#### • Alloy development:

We are able to conduct simulation test according to customer requirements to conduct quantitative control over material micro-organization and corrosion resistance from the stage of composition design, so as to gain the best processing and utilization performances of the material.

Alloy Design Method	Alloy Design Object	Alloy Design Content
Monte Carlo		Microscale atomic cluster development and dispersion strengthening phase generation
Molecular Dynamics		Coordinative toughening of dispersion strengthening phase and characteristic micro-structure
Finite Element		Anti-fatigue micro-structure formation and development
		Electrochemistry and corrosion mechanism of feature toughening organization
		Feature organization development during high efficiency welding process

### ■ Testing Equipment:



### Other consumer electronic product shells and frames:

#### Case for smart digital video & audio product and network communication products:

These products have special requirements on the mechanical properties, strict standards for material surface and dimensional public tolerance. Manufacturers of these products are required to have strong ability in alloy melting & casting, precision die design & manufacturing, extrusion technique and control. Kam Kiu is a manufacturer of these products for many worldly renowned brands.

#### Case for tablet PCs:

These products have special requirements on the mechanical properties and demand high material purity and high grade of grain size as well as material consistency due to the large exposed product surface area. Kam Kiu is a high-quality supplier of tablet PC shells for renowned computer brands.

#### Case for smart wearables:

These products have special requirements on the mechanical properties and demand good surface decoration effect. The 7A series aluminium alloy specially developed by Kam Kiu possess both advantages. Kam Kiu is also able to provide customized solutions based on specific needs.

#### Frames for TVs:

The highly decorative TV frames have special requirements on the mechanical properties and demand material thinness and are strict on dimensional public tolerance.