

ONE STATION ULTRA-THIN SILICON WAFER SERVICE

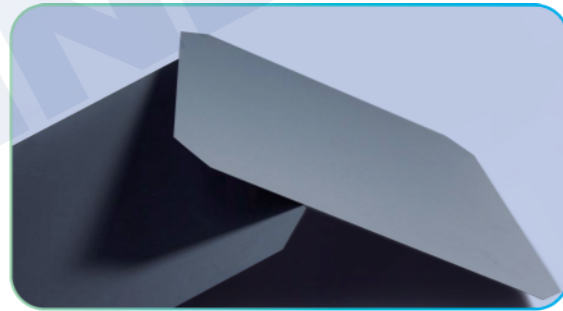
一站式硅片切割服务

光伏硅片是光伏电池片的核心原材料，位于光伏主产业链上游环节。
 光伏硅片，是将硅棒通过切片、抛磨、清洗等工艺形成的高纯片状硅，是重要的半导体材料。

Photovoltaic silicon wafer is the core raw material of photovoltaic cells, located in the upstream of the main photovoltaic industry chain. Photovoltaic silicon wafer is a high-purity flake silicon formed by slicing, polishing, cleaning and other processes, and is an important semiconductor material.

设备特点

- 设备为自主研发制造，精度高，切割良率稳定，行业认同度高；
- 独具大可变轴间距，硅片加工尺寸范围广，可兼容硅片尺寸166到230以及210半片；
- 硅片检验标准高，TTV、线痕值卡控值低于行业内标准值2 μ m；
- 硅片厚度集中性好，厚度分布范围1 μ m以内。



MAIN TECHNICAL FEATURES

- The equipment is independently developed and manufactured.
- Large variable axis ensures a wide range of wafer processing sizes and issuitable for wafer sizes from 166 to 230 as well as 210 half wafers.
- Our inspection standard to processed silicon wafer is more strict. The test items such as TTV and thread trace value are lower than the industry standard value 2 μ m.
- The distribution range of wafer thickness is within 1 μ m.



产品加工尺寸及标准

Workpiece dimensions and standards.

项目/Items	尺寸 (mm*mm) / Size	厚度 (μ m) / Thickness
标准片 Standard piece	166*166 (P/N型)	150/145/140/135/130/125/120及以下
	182*182 (P/N型)	150/145/140/135/130/125/120及以下
	210*210 (P/N型)	150/145/140/135/130/125/120及以下
异形片 Special shape piece	210*182 (P/N型)	150/145/140/135/130/125/120及以下
	191*182 (P/N型)	150/145/140/135/130/125/120及以下
半片 Half piece	210*105 (N型)	130/120/110/100/90及以下
	182*91 (N型)	130/120/110/100/90及以下

可根据客户需求，提供定制化切片服务；相关产品TTV、线痕管控值低于行业标准；

Customized slicing service can be provided according to customer requirements.
 Related products TTV, line mark control value is lower than the industry standard.

