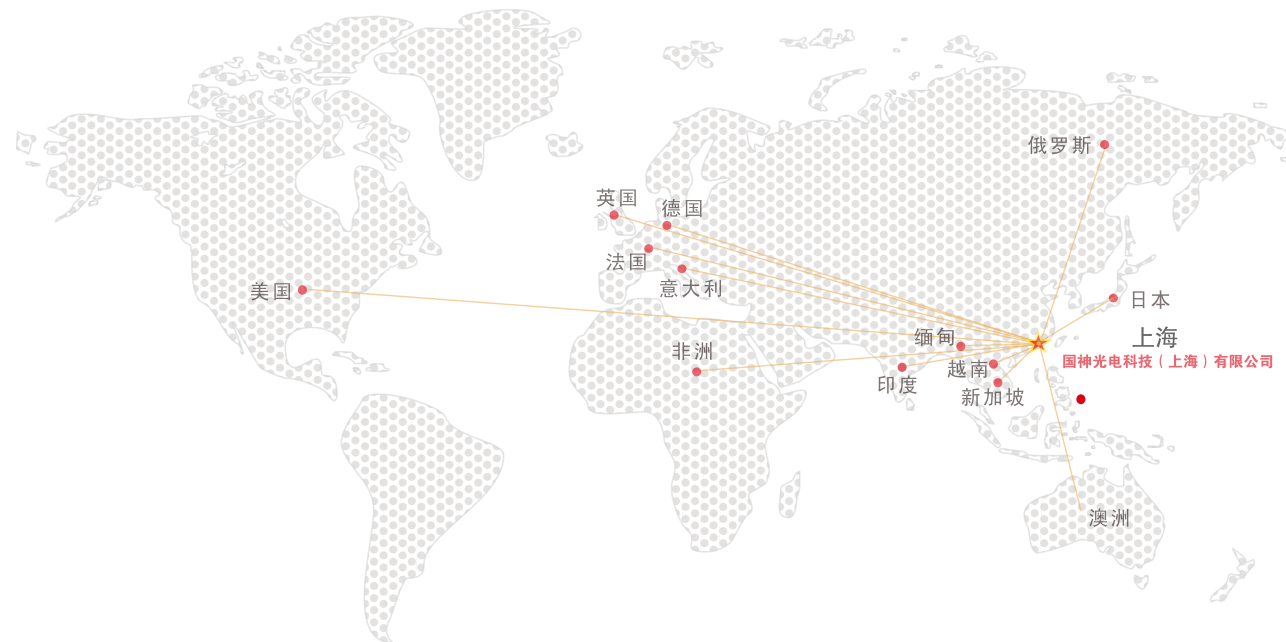




GAUSSLASERSTM
国神光电科技（上海）有限公司

Gauss Lasers Tech.(shanghai)Co.,Ltd.

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Gauss Lasers Tech.(shanghai)Co.,Ltd.

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GAUSS
LASERS
TM

国神光电科技（上海）有限公司

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国神光电科技（上海）有限公司是由荣获国家“千人计划”的周士安博士创立，公司在2011年由一群海外归国人才和国内技术精英创建成立。公司位于上海杨浦区，主要从事高功率超短脉冲光纤激光器、大功率的光学系统和无源器件的研究与生产。国神光电在光纤激光器方面有很多专利和核心技术处于世界领先的位置。

国神光电已成功研制出大功率皮秒、飞秒和亚纳秒光纤激光器，并且已成功地应用于微加工产业和科学研究。公司产品已广泛应用于LED切割、蓝宝石切割、太阳能光伏硅切割、阳极铝的打标等市场。

国神光电已经开发出高功率光纤隔离器、合路器、分束器、声光调制器、延迟器，以及各种偏振相关的器件和模块。国神光电致力于成为全球最好的超短脉冲光纤激光器供应商。

Gauss Lasers was founded by Dr.Shian Zhou,who is listed in China "Thousand Talent People Plan",and a group of technical elites in Jan 2011.The company is located in Shanghai Yangpu District, mainly engaged in research and production of all-optical integrated high-power ultrashort pulse fiber lasers, high-power optical systems and passive devices.Gauss Lasers has word-leading patents and core technologies on the leading front of fiber lasers.

Gauss Lasers has successfully developed high-power ps、fs、and sub-ns fiber lasers,which have been successfully applied in mico-machining industries and scientific researches. Our products have been widely used in LED cutting, sapphire cutting, solar panels cutting, anodized aluminum marking,plastic marking etc.

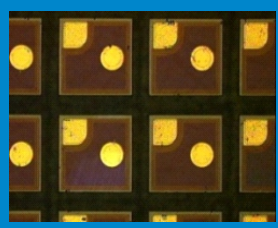
Gauss Lasers has developed high-power fiber isolators,combiners,beam splitters,acousto-optic modulators,delayers,and all sorts of polarization-dependent devices.Gauss Lasers is committed to be the best ultra-short pulse fiber laser provider in the world.





应用优势：LED晶圆划片,IR良率高,适用于窄切割道

Advantages: LED wafer dicing, High IR yield, Suitable for narrow street width.

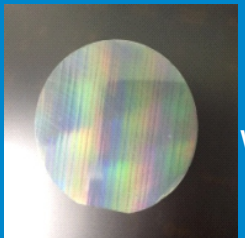


LED蓝宝石切割

LED sapphire dicing

技术指标：<15ps, 5w, 50K-1MHZ可调，线偏

Specifications:<15ps, 5w, 50K-1MHZ，linear



晶圆切割

Wafer dicing

主要应用：LED蓝宝石切割、硅切割等热敏感脆性材料

Applications: LED Sapphire cutting, Si cutting, heat sensitive brittle materail cutting



蓝宝石灯丝条切割

Sapphire filament

应用优势：材料加工边缘平整、无毛刺、切口精细

Advantages: edge smooth, without burr, incision

技术指标：<200ps,10W, 50K-1MHZ可调，线偏调，线偏 (可配合平顶光斑技术)

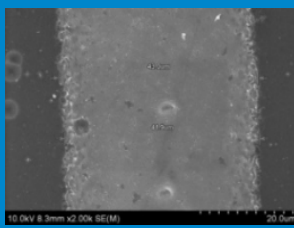
Specifications:<200ps,10W, 50K-1MHZ，linear

主要应用：ITO\银浆刻蚀，碳化硅切割，锂电池薄膜材料切割，手机等消费电子产品表面处理和精密标识

Applications:ITO\silver plasma etching,SiC cutting, Li battery cathode material cutting

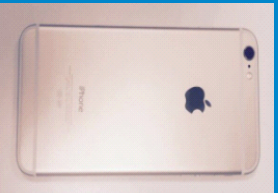
精密标刻

Precise marking



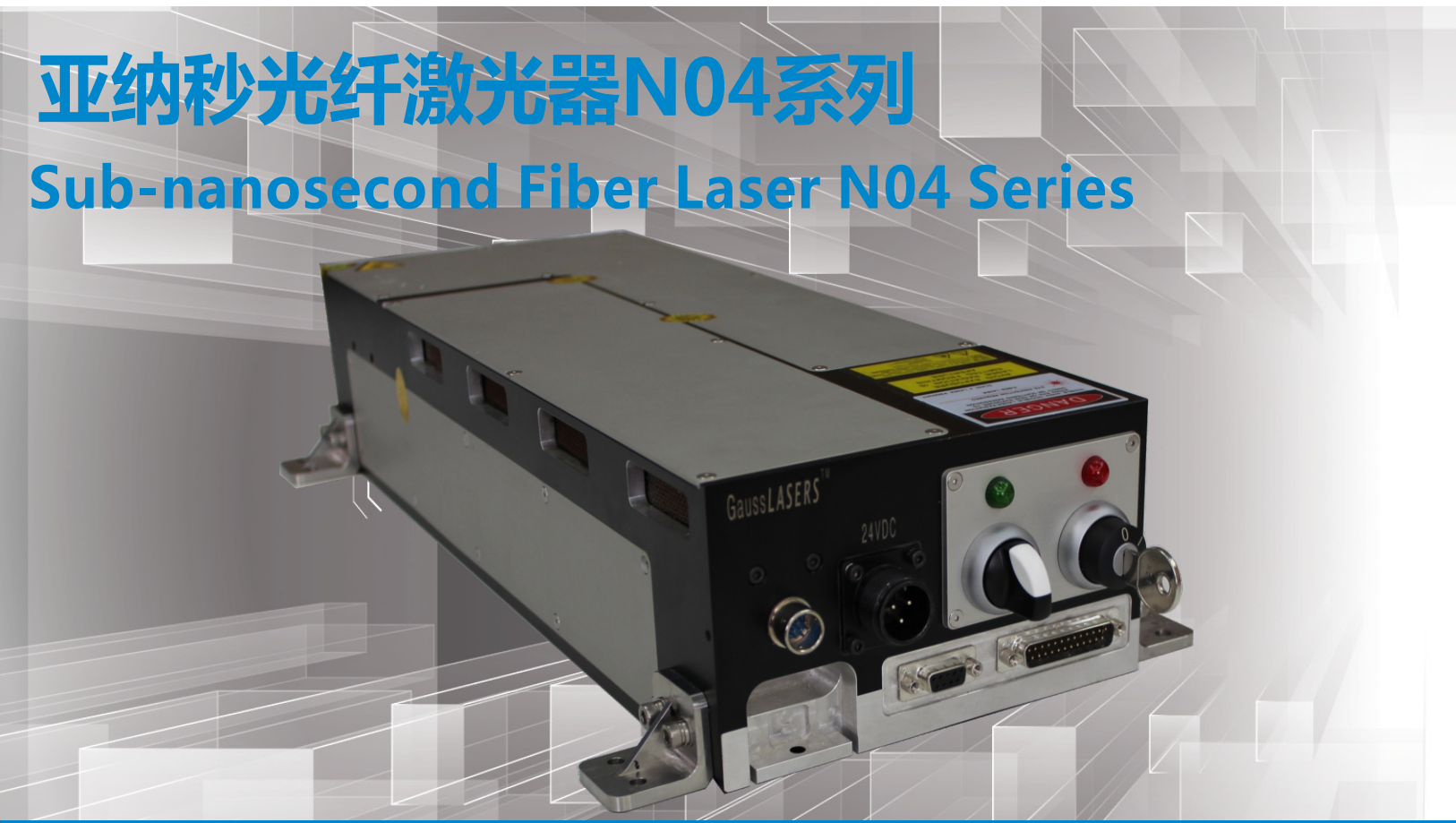
太阳能表面划线

Solar panel surface scribing



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应用优势：能够对材料内部产生非线性祛除，精度更高

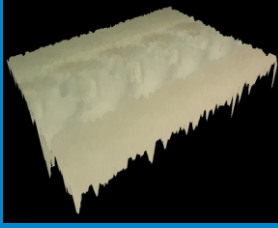
Advantages: Material nonlinear effects remove , higher precision

技术指标：<800fs, 5w, 50K-1MHz可调

Specifications:<800fs,5w, 50K-1M

主要应用：OLED薄膜切割、TeraHertz光源

Applications: OLED film cutting, TeraHertz source



薄膜材料改性
Thin film material modification

应用优势：效率更高、精度更高

Advantages: higher efficiency, higher accurate

技术指标：<1ns,20W , 50K-1MHz可调，线偏

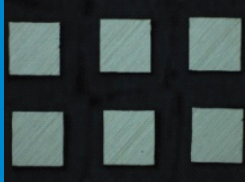
Specifications:<1ns,20W , 50K-1MHz , polarization

主要应用：各种材料精密打标、阳极铝打黑、半导体硅切割

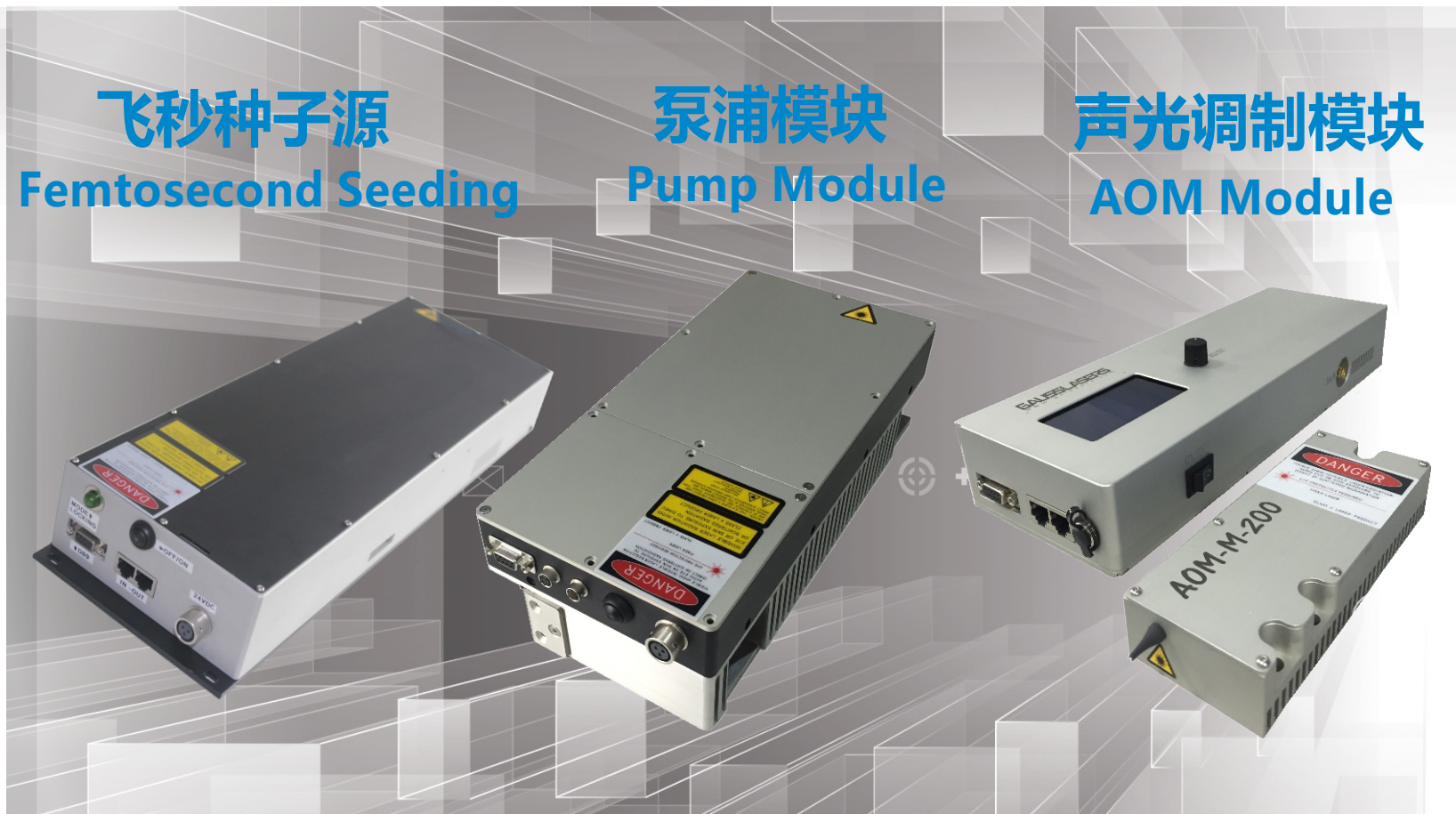
Applications: precise marking, Si cutting



材料表面标刻
precise marking



半导体硅切割
Semiconductor silicon cutting



应用优势：厚、硬材料切割，切割边缘整齐
Advantages: Thick、hard material cutting cutting edge tidy



HOME键切割
Home key cutting

技术指标：<200ps, 40w, 50K-1MHz可调
Specifications:<200ps,40 w, 50K-1M



陶瓷精密切割
Ceramic precision dicing

主要应用：HOME键切割，玻璃\陶瓷切割
Applications: Home key cutting, glass \ceramic cutting



高功率宽带隔离器
Broadband High Power Fiber Isolator



高功率保偏环形器
High Power Polarization Maintaining Circulator



高功率输出隔离器
High Power Collimated Beam Output Isolator

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