

精密激光打孔机

PRECISION LASER DRILLING



本机是针对实验室压力试验课题专业定制的一款高精度激光设备，具有兼容铼片加压前后的各种打孔、切割的特点。

This machine is a high-precision laser equipment customized for laboratory pressure testing. The device is compatible with various punching and cutting features before and after the rhenium sheet is inserted.

- 设备体积小，解决了个别科室空间狭小问题。
- 精密度高，最小孔可达到 0.005mm。
- 设备操作简便，更易上手。
- 可根据不同材料更换光源，兼容性能更强。
- 热影响区域小，小孔周边的氧化成分较少。
- The size of equipment is small , which solves the problem of small space in individual departments.
- High precision, the smallest hole can reach 0.005mm.
- The equipment is easy to operate and easier to use.
- The light source can be replaced according to different materials, and the compatibility is stronger.
- Small heat-affected zone , and the oxidized components around the small holes are less.

广泛应用于金刚石拉丝模、消声器小孔、针头小孔、宝石轴承等多种打孔的行业。

Widely used in drilling the diamond wire drawing dies,the muffler holes ,needle holes ,and jewel bearings etc.

适用于对天然金刚石、聚晶金刚石、红宝石、紫铜、陶瓷、不锈钢、碳钢、合金钢等超硬、耐高温材料进行不同形状、直径、深度和锥度打孔。

It is suitable for drill holes of different shapes,diameters,depths and tapers on super-hard and high temperature resistant materials,such as natural diamond,polycrystalline diamond,ruby,copper,ceramic,stainless steel,carbon steel,alloy steel and so on.

性能 / 型号	Performance/model	SK-MS1
输出功率	Output power	20W
激光波长	Wavelength	1064nm
脉冲频率	Pulse frequency	1.6-1000kHz
最小光斑直径	Min. spot diameter	0.005mm
重复精度	Repeat accuracy	±0.001mm
加工范围	Processing range	50*50mm
供电电源	Power supply	AC220V±10%/1PH/50Hz
机器尺寸 (长*宽*高)	Machine size (L*W*H)	700*450*750mm
机器重量	Machine weight	75Kg