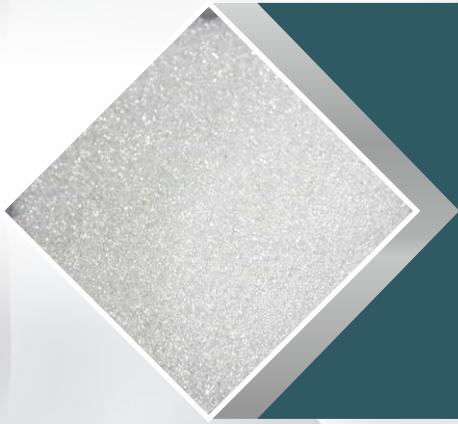




:: ABOUT US ::

Lucan Techno is an Indian Proprietary company founded in 2019. We have excellent in-house production capacity and refined manufacturing processes that will deliver high - quality production parts at cost-effective prices. The Company is managed by qualified, experienced and technical professionals who strive to provide high quality products and services at competitive prices

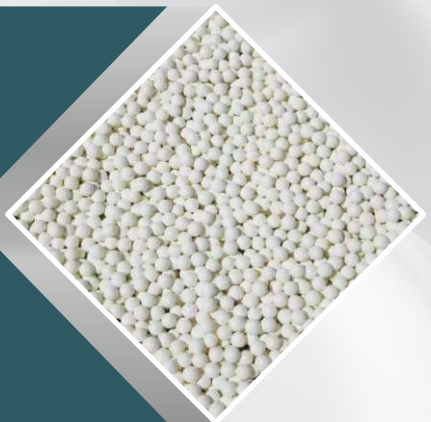


Glass Media :

Glass beads and other forms of glass media are used in the jewelry industry for polishing and finishing delicate pieces. They are ideal for achieving a smooth surface and a shiny finish without damaging intricate designs.

Zircon Media :

Zircon-based media, such as zirconia beads, are used for aggressive polishing and deburring. They are highly durable and effective for polishing harder metals and gemstones, making them suitable for precision work in high-end jewelry.



Our Product :

A 3D scanning machine captures the shape, size, and texture of physical objects using lasers, structured light, or photogrammetry to create accurate digital 3D models. These devices are used in industries like manufacturing, healthcare, and design for reverse engineering, quality inspection, and visualization.

Benefits :

- Precision : Captures intricate details with high accuracy for custom jewelry design.
- Efficiency : Speeds up design and prototyping processes.
- Customization : Enables unique, personalized designs based on customer preferences.
- Cost-Effective : Reduces material waste during production.
- Compatibility : Integrates seamlessly with CAD software for advanced modeling.



Technical Specification :

- Sensor : CMOS, 1.31 mp * 2
- Raster : 1280*1080 DLP = 8 mm * 6 mm
- Lens : 16mm/ 5 mp * 2
- Alignment : Feature/ Mark Align
- Certification : CE/FCC/ WEEE/ CNAS
- Export format : STL/AC
- Multi- item-mode : yes
- Scan mode : Auto scan
- Scan speed : 1-3S/ Frame
- Resolution : 0.06 mm
- Accuracy : <10 um
- PC requirement : Nvidia GM> 2GB
- System requirement : Win7 [64 bit]
- Warranty : 1 Year



laser Engraving :

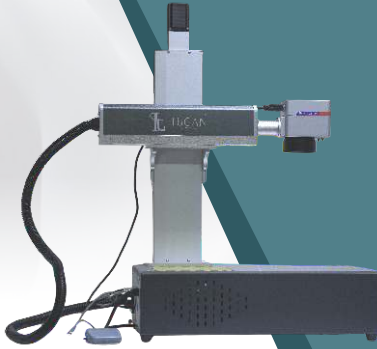
Laser engraving machine for metal uses focused laser beams to etch or mark precise designs, text, or patterns onto metal surfaces. It is widely used for industrial, artistic, and personalization purposes due to its durability and high precision.

Benefits :

- Precision :** Deliver highly detailed and accurate engravings on metal surfaces.
- Durability :** Create permanent markings resistant to wear, corrosion, and heat.
- Versatility :** Compatible with various metals like stainless steel, aluminum, brass, and more.
- Efficiency :** High-speed operation reduces production time and boosts productivity.
- Customization :** Ideal for personalizing items, branding, and industrial applications.

Technical Specification :

- Laser power :** 20w, 30w, 50w
- laser source :** raycus, max, JPT
- Controller board :** Original BJJCZ
- Controller software :** EZCAD
- Supported design format :** DXF, PLT, AI, CAD, cdr. and so on
- Voltage :** 220V/110V
- Appearance Model :** Desktop, tablet, split, portable, with cover/ cabinet for protection
- Cooling type :** Air cooling
- Application Materials :** jewelry, gold, silver, Stell, iron, aluminum, copper, ring, plastic and so on
- Warranty :** 1 Year



UV laser engraving :

UV laser engraving machines use ultraviolet laser beams to precisely engrave or mark materials like metal, glass, plastic, and ceramics without generating heat. It is ideal for fine, high-contrast markings on sensitive or delicate surfaces.

Benefits :

- High Precision : Delivers accurate and detailed engravings on various materials.
- Durability : Creates permanent, wear-resistant markings.
- Versatility : Suitable for metals, plastics, wood, and more.
- Speed : Processes materials quickly, enhancing productivity.
- Cost-Effective : Reduces waste and maintenance, improving long-term efficiency.

Technical Specification :

- Voltage : adapter 12 volt from 110-220 (auto switching).
- Inscription line width : Less than 5 microns (0.005 mm).
- Inscription depth : Less than 9 microns (0.009).
- Engraving speed : 2mm/s
- Marking area on polished diamonds : Girdle and Table.
- Marking area on rough diamonds : Any place.
- Warranty : 1 Year



:: OUR CLIENTS ::



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