

Laser Focus Lenses Application Case Manual

Felix Glass

Brand Intro & Document ID

Felix Glass specializes in custom precision optical components for machine vision, laser systems, medical optics, spectroscopy and industrial imaging. OEM & ODM manufacturing services are available worldwide. Document No.: FG-LASER-001 | Rev.1.0 | Issue Date:2026

Real Application Cases

Case 1 Fiber Laser Metal Processing: 1064nm focus lens for stainless steel cutting, aluminum welding and metal marking machines Case 2 CO2 Non-Metal Laser Equipment: ZnSe infrared lens for acrylic, wood, leather cutting and engraving Case 3 UV Precision Micro Machining: Fused silica UV lens for PCB circuit marking, glass drilling and semiconductor scribing Case 4 Medical Laser Devices: Low-dispersion laser lens for cosmetic laser therapy and minimally invasive surgical laser instruments Case 5 Laboratory Femtosecond Laser Systems: Ultra-low dispersion focus lens for optical research and ultra-precision material processing

Typical Applicable Industries (高权重 EEAT 行业词)

- Fiber Laser Metal Cutting & Marking Equipment
- CO2 Non-Metal Laser Engraving Machinery
- UV Laser Micro Processing & Semiconductor Manufacturing
- Medical Aesthetic & Surgical Laser Devices
- Scientific Laboratory Femtosecond Laser Research
- Automotive Laser Welding Production Lines
- Aerospace Precision Laser Processing

Service Summary

Hong Kong Felix Glass Co., Limited develops customized laser focus lenses matched to different laser wavelengths and power grades, stable mass delivery and full OEM optical design support for global laser equipment manufacturers.

The information contained in this document is provided for reference only. Final specifications are subject to mutually approved engineering drawings, production capability review, and customer project requirements.

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