

Industrial Glass Components Industry 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-CUSL-001 | Rev. 1.0 | Issue Date:2026

Real Application Cases

Case 1 Semiconductor & Laboratory Industry: High-purity quartz tubes/plates for high-temperature diffusion furnaces, UV curing reactors and optical lab instruments

Case 2 Industrial Touch & Display Equipment: Tempered custom flat glass panels for industrial control touch screens and equipment protective observation windows

Case 3 Automotive Electronics: Curved instrument glass and complex 3D sensing glass for vehicle center consoles, ADAS camera covers

Case 4 Consumer Electronic Devices: Precision hot-bent 3D cover glass for curved smart screens and wearable optical modules

Case 5 UV Industrial Processing: UV transparent quartz glass for UV curing printing equipment and ozone disinfection devices

Main Applicable High-Value Industries

- Semiconductor Manufacturing & High-Temperature Lab Instrumentation
- Industrial Automation Touch Screen & Equipment Observation Windows
- Automotive Display, Instrument Panel & ADAS Optical Sensing Systems
- Consumer Electronics Curved Screen & Wearable Optical Modules
- UV Curing, Photochemical & Industrial Disinfection Equipment
- Medical Analytical Instrument Optical Windows & Reaction Vessels

Service Summary

Hong Kong Felix Glass Co., Limited provides one-stop industrial glass manufacturing solution covering quartz high-temperature glass, flat tempered panels, curved and complex 3D hot-bent glass, with custom functional coating and full mechanical processing support for global industrial equipment, automotive and electronic 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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