

ITO Conductive Glass Application Manual

Document No. : FG-ITO-001 | Rev.1.0 | 2026 Manufacturer: Hong Kong Felix Glass Co., Limited

Primary Core Application Cases

1. Industrial Touch Display & Transparent Electrodes ITO coated float glass serves as stable transparent conductive layers for industrial touch screens and display interactive terminals, the highest-demand application for ITO optical substrates.

2. Laboratory Optoelectronic Measurement Optical-grade and fused silica ITO substrates are used for spectroscopic analysis, light testing and photoelectric sensing, providing balanced conductivity and optical performance for precision lab instruments.

Secondary Application Scenarios

- Semiconductor wafer inspection and electrical test fixtures
- Machine vision optical sensor protective windows
- Optoelectronic research, photovoltaic testing and prototype development

Covered Industrial Fields

Industrial display electrodes, touch screen manufacturing, laboratory spectroscopy, semiconductor test equipment, machine vision optical protection, optoelectronic component testing

Service Overview

Custom ITO conductive glass is available with configurable substrate material, dimensions and coating specifications. Production scheduling and lead times are confirmed according to order quantity and project complexity. Technical documentation and batch inspection data can be provided upon request.

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.

Hong Kong Felix Glass Co., Limited Custom Optical Components Manufacturer | www.felixglass.com | sales@felixglass.com