

## Technical Specifications Datasheet

**Product Name: Indium Tin Oxide (ITO) Glass Slides**  
**Product Series: TIX**

### Coating Properties:

- Specified ITO Sheet resistivity –  $\leq 10$  ohms/sq
- Typical ITO Sheet resistivity –  $8\sim 10$  ohms/sq
- Transmittance at 550nm –  $\geq 90\%$
- ITO film Thickness –  $1800\text{-}2000 \text{ \AA}$
- Glass Thickness – 1.1mm
- Brand – Techinstro

### Physical Properties

- Configuration – ITO on Passivation layer on Glass
- Substrate – Soda lime glass / Float Glass
- Surface finished of glass – Single Sided polished
- Passivation layer thickness – Silicon dioxide ( $\sim 25\text{nm}$ )
- ITO coating method – Magnetron sputtering at  $\sim 300^\circ\text{C}$  under vacuum condition
- ITO work function –  $4.8\sim 4.9\text{eV}$  (measured by UPS) after proper cleaning
- Surface Roughness –  $\text{RMS}1\sim 10 \text{ nm}$ , depend on various product

Techinstro assures the above specification and dimensions of the product as per datasheet. We ensure the quality of the product with moisture proof packing. This sheet is also available on the website, where researcher or purchaser can also download it merely by clicking on the pdf link. The terms and condition for the product purchase mentioned in the quotation. For safe product storage, tips and procedure provided with the material. For more queries, contact our technical support.