

## Technical Specifications Datasheet

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

**Product Series: TIXW**

### Coating Properties:

- Specified ITO Sheet resistivity –  $\leq 100$  ohms/sq
- Typical ITO Sheet resistivity – 90~100 ohms/sq
- Transmittance at 550nm –  $\geq 83$  %
- ITO film Thickness – 250-270 Å
- Glass Thickness – 0.7mm
- 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 (~25nm)
- ITO coating method – Magnetron sputtering at ~300°C under vacuum condition
- ITO work function – 4.8~4.9eV (measured by UPS) after proper cleaning
- Surface Roughness – RMS1~10 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.