

m-Thick

THICKNESS MEASUREMENTS



The **m-Thick** family of optical sensors enables the measurement of the **total thickness** of any transparent or semi-transparent material, including coatings, both in production lines and in QA/QC laboratory. Measurements are **contactless** and provide **micrometric accuracy**.



APPLICATIONS

Main applications are:

GLASS

- TFT and LCD panels
- thin glasses for electronics
- pharmaceutical and lighting tube
- glass plates for watchmaking

PLASTIC

- film extrusion
- containers
- preforms
- tubes and tubulars
- lenses, membranes and medical devices
- medical bags
- films

ADVANTAGES

- the reflection approach **doesn't require opposite head**
- **high accuracy**
- measurement **even in difficult areas**
- **total safety** for operators (non-ionizing and non-radioactive light)
- **easy to use**
- **limited overall dimensions**
- **multiple-head layout**
- **quick integration** in production line