



Optical Thickness Gauges XLT



Application Area

- Rubber and PVC calendering
- Plastic films extrusion
- Production of bituminous membranes
- Coupling processes of tissues and foams
- Production of carpets

Description

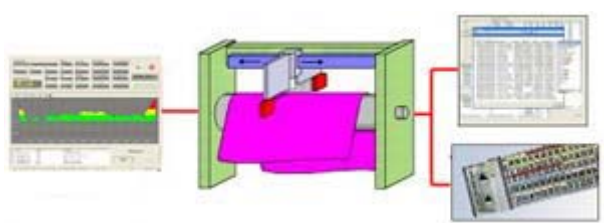
The XLT optical thickness gauges are the ideal solution to measure without contact the thickness of flexible materials without any hazard radiation and therefore completely safe for the operators and for the environment. Material to be measured is deflected by a reference roll and optically inspected on the free surface. Measurement can be done on one or more points or with automatic scanning along the full material width. The operation is very simple and does not require skilled personnel, neither for the regular use, neither for the calibration procedure already integrated into the automatic system functions.

XLT series: the possibility to choose the right solution

- Models XLT-100 are suitable for single point measurement, fixed or moveable.
- Models XLT-2000 are for two measuring points, normally nearby the two material edges.
- XLT/Scan is a system which performs the automatic scanning along all the material width.

XLT: modular architecture

From the simple out-of-tolerance alarm to the complete automatic system connected to line PLC through any type of field bus, including data sharing with the user informatic system, XLT series fully comply with the needs of any modern production environment with the requirements of today and tomorrow.



Advantages of XLT optical gauges:

- first of all, safety: non-contact technology without hazard radiations.
- automatic measurements: to keep the operators far from the risks of accidents.
- no marks on the material and no wear of the measuring gauge.
- measurement independent from the material chemical composition.
- heavy duty, accuracy and flexibility unique in the category.
- very easy field calibration without skilled personnel.
- continuous measurement with automatic tolerance warning.
- documentation and traceability of the measurements.

