



LiteSentry™

TS4000

The new
TS Series of Thickness
and Coating Sensors

- ▶ for IG, lamination, coating, and tempering lines
- ▶ works in real-time, stationary or with the product moving
- ▶ identifies and measures glass thickness, coating on either side, discerns colored glass, as well as coating and colored glass combinations
- ▶ measures glass thickness from 1 mm to 25 mm
- ▶ sensor can be placed vertical or horizontal
- ▶ rugged industrial design



Discover what's possible with the TS 4000!

Introducing the new TS Series of Thickness & Coating Sensors from LiteSentry-Softsolution.

Our patented TS Sensors allow fabricators to identify all coating and glass combinations in real-time—stationary or with the product moving. They are able to discern each product type as well as identifying the surface of low-E coatings, measure the thickness of glass, discern colored glass, and all variations of coated and glass combinations.

Coated surface can be identified on double and triple IGU. Coating and colored glass combinations, and customized alarm conditions are profiled and created instantly onsite.

Customized alarm conditions can be integrated into the line and provide a visual alarm to the operator if an incorrect surface orientation, thickness, and color, etc. combination is detected, preventing costly errors in subsequent production or replacement in the field.

The sensor can be placed on vertical or horizontal applications such as IG, lamination, coating, and tempering lines to ensure accuracy prior to adding further value or it can be integrated to confirm double or triple IGU as a final quality check.

Rugged industrial design allows freedom in placement and ambient temperature up to 50° C.



TS 4000 Series

The updated range of
Thickness and Coating Sensors

FEATURES

The TS Sensors is a single device, mounted on one side of the glass, able to **identify and measure** the following parameters of a single flat glass sheet:

- ▶ sensor will measure glass thickness from 1 mm to 25 mm
- ▶ detection of a coating on either side facing the sensor or on the opposite side
- ▶ different types of coatings and color combinations are profiled by the user

With the TS4000 you will be able to update new coating and colored glass combinations instantly onsite.

The TS4000 will also

- ▶ discriminate soft-coat low E-coated glass; identify 'Clear'/non-coated glass
- ▶ identify coated surface on a single pane
- ▶ discriminate most pyrolytic coatings, ITO coatings, electrochromic coatings, and more

▲ Rugged aluminium and steel housing for industrial environments

Learn more at
www.glassquality.com



SOFTSOLUTION

Strainoptics

	TS3000	NEW TS4000	NEW TS4000HT
Measures thickness of pane (1-25 mm)	●	●	●
Coated or not coated (but will not discern coating type)	●	●	●
Discern coating type & tinted glass (incl. electrochromic, pyrolytic coatings and more) on front and most back sides (depending on product transmission percentage)	—	●	●
Includes heatsink to operate in furnace rooms with higher ambient temperatures	—	—	●

LiteSentry™ LLC 2170 County Rd 42 W · Burnsville, MN 55337 · USA
Tel. +1.507.645.2600 · sales4@litesentry.com