The non-nuclear solution

The FACTS THz Gauge is THE non-nuclear solution for measurement of clear and opaque sheet, film, and web. The THz Gauge Single Side Scanner provides a rugged, high speed scanning platform and is designed for precise and repeatable performance with an extended life of operation, even in harsh environments.

Features

- True Thickness Measurement
- Measures clear and opaque products
- Overall Thickness Measurement
- Individual layer thickness measurement
- Scanning Profile Measurement
- Non-Nuclear measurement technology
- Safe non-ionizing energy
- Small footprint
- Complete system includes sensor assembly, console, frame controller, and single side scanning frame
- Optional auto profile control

Use with the FACTS TPC 5001 Total Profile Control

- High-Res display for Scan profiles + fixed point data
- Menu-driven touch screen
- Selectable profile - displays & trend plots
- Machine direction control of product thickness
- Single/multi-scan average profiles
- Recipe system

FACTS Capabilities

FACTS is a provider of complete turn key automation systems for continuous processes. Our capabilities include Total Line Control, heater and drive panels, data collection, analysis & reporting tools, profile control systems, new scanning systems and scanner retrofits.
Scanner Design and Construction

- Single side - measurement head and scanner are located on one side of product
- Belt driven robust linear actuator
- Sealed, non-drip design
- Widths up to 12 feet available
- Closed loop servo control with encoder feedback
- Scan speed - recipe based
- Proximity sensors for travel limits and positioning
- Idler rolls - optional

Applications

Suitable for the measurement of clear or opaque sheet, web, and film products
- Calendered web
- Foamed products
- Multi-layer: measure the thickness of individual layers
- Materials with variable amounts of filler or are heavily pigmented
- Converting applications
- Basis weight

FACTS is the leader in process control technology for the polymer market. In fact, we wrote the book on extrusion control—literally. For the Society of Plastics Engineers, FACTS penned the chapter on Extrusion Control in the “Guide on Extrusion Technology & Troubleshooting.”

FACTS routinely provides new and existing process lines with complete electronic control systems and integrated HMI. Controls provided include, but are not limited to: temperature, speed and pressure control; sequence control; drive and heater systems; profile measurement and control.

FACTS offers you experience at your fingertips with 24/7 support.

FACTS provides the tools to control your bottom line. Contact us today.