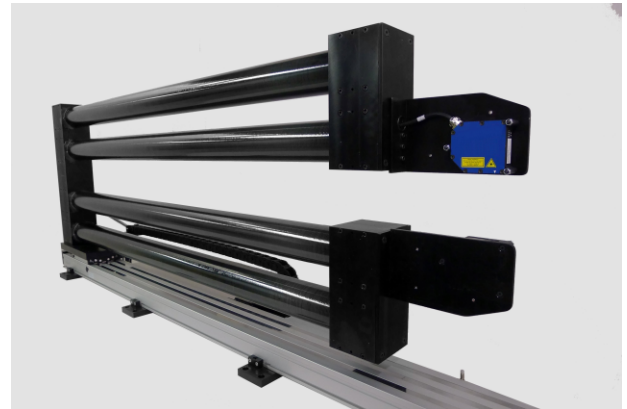


### The non-nuclear solution

The **FACTS** LTM Gauge is a non-nuclear solution for calendered web thickness measurement. The LTM (Laser Triangulation Measurement) C-Frame 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

- Complete system includes sensor assembly, console, frame controller, and C-Frame scanning frame.
- **True Thickness Measurement**
- Scanning Profile Measurement
- Auto Zero Compensation
- Profile measurement for machine direction, cross direction, and overall thickness control.
- Available in web widths up to 60 inches
- Pass line can be any orientation: horizontal, vertical, angled

### Use with the **FACTS** TCC 1600 Total Calender Control

- High-Res display for Scan profiles + fixed point data
- Menu-driven, touch screen operator interface
- Select profile & trend plots from 40 various displays
- Machine direction control of product thickness
- Single/multi-scan average profiles for each gauge
- Recipe setup

### Benefits & Payback

- ▷ **Non-Nuclear measurement technology**
- ▷ **Non-proprietary components**
- ▷ **Ease of serviceability**
- ▷ **Low cost of lifetime ownership**

### **FACTS** Capabilities

**FACTS** is a complete provider of 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.

# LTM Gauge for Calendered Web Thickness Profile

## Design and Construction

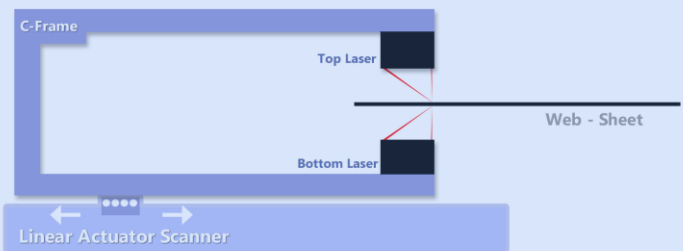
- Belt driven robust linear actuator
- Sealed, non-drip design
- Widths up to 5 feet available
- 0 to 6 inches per second scan speed
- Closed loop servo control
- Proximity sensors for travel limits and positioning
- Temperature Stable Lightweight C-Frame
- Custom mounting design for each application



## How the LTM Gauge Works

The LTM Gauge is a non-nuclear system that provides a true thickness measurement while scanning across the calendered web.

**LTM Gauge:** The Laser Triangulation Measurement (LTM) Gauge incorporates 2 laser sensors each mounted on the end of a 'C'-Frame arm so that one laser is above the web and the other is below the web. Each laser will measure the distance to the surface of the web and by knowing the distance between the lasers, the thickness can be calculated.



## Applications

Suitable for applications where the product to be measured is opaque including:

- Rigid and Flexible Materials
- Conductive and Non-Conductive

Multiple Configurations for Thicknesses 10mil and up

**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.