



**Quad Plus<sup>®</sup>**



# Ultrasonic Transmission Sensor

**Model: PlastPro-OUT**

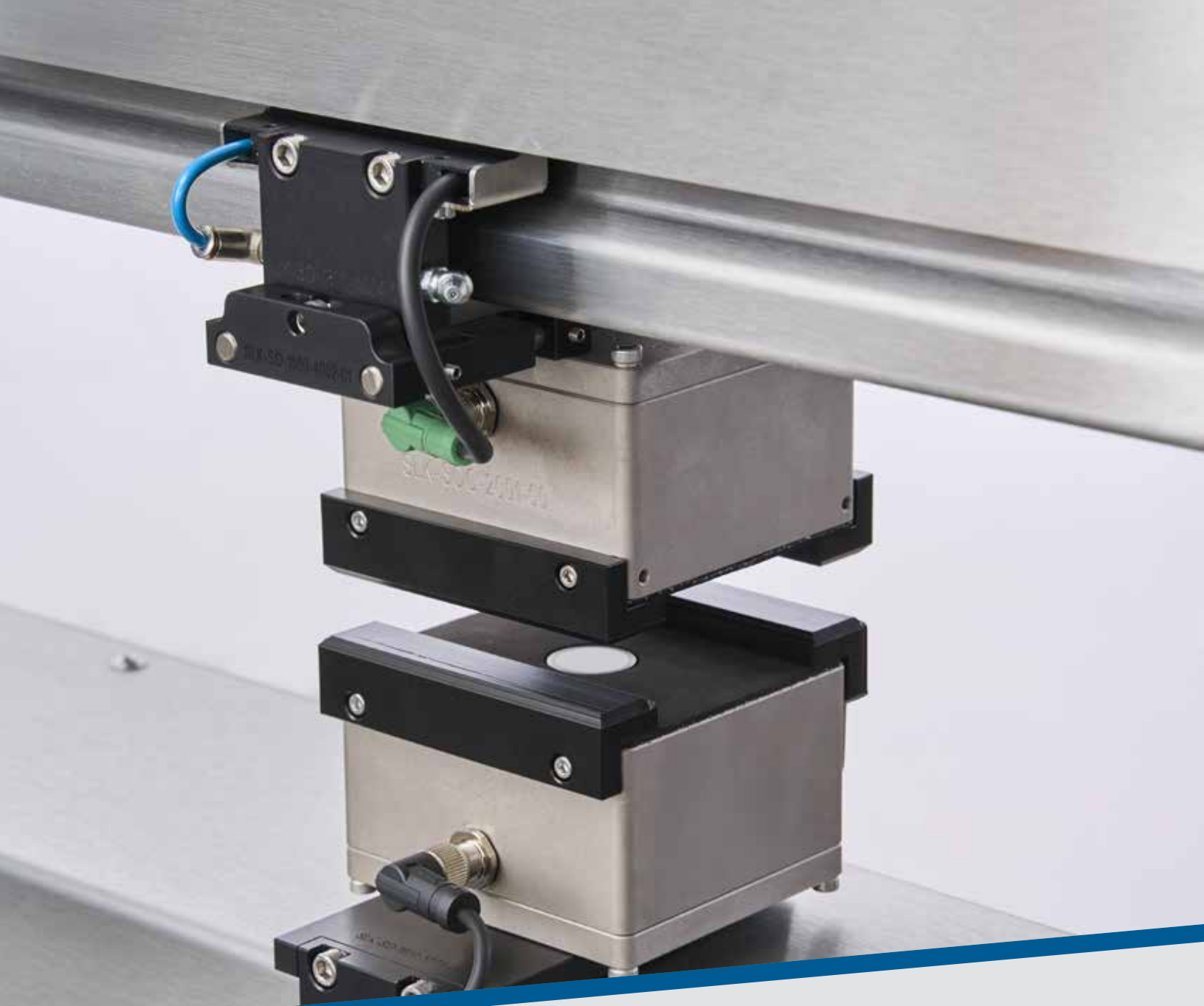
Basis Weight/Thickness Measurement

Connect with us



[www.quadplus.com](http://www.quadplus.com)

(815) 724-2323



## Applications

- ✓ Thin Films
- ✓ Cast Films
- ✓ Woven and Big Bags
- ✓ Coated and Laminated Film and Paper
- ✓ Metal and Foil Processing

## Features

- ✓ **Advanced Signal Processing:**  
Eliminates noise and environmental interference using a high-speed microprocessor.
- ✓ **Automatic Calibration:**  
Adapts to changes in temperature, humidity, air pressure, and airflow
- ✓ **Material and Color Independence:**  
Operators seamless with any color PP/PE films, adhesives, coated materials, and metal foils. No calibration required for each material, eliminating time loss and operator error.
- ✓ **High-speed Measurement:**  
Operates at 200 measurements per second, ensuring real-time accuracy.
- ✓ **Non-Ionizing:**  
No safety issues or costly licenses as seen with Nuclear and X-Ray.

# Technical Specifications

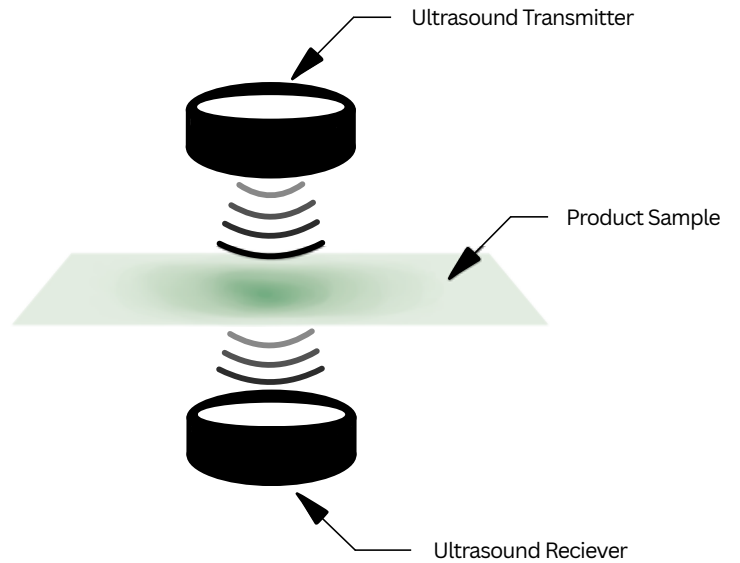
- Measurement Range:** 0 – 2000 g/m<sup>2</sup>
- Measurement Speed:** Up to 200Hz
- Measurement Spot:** 90% within a 5mm diameter
- Measurement Noise:** 0.05% of the value under consistent environmental conditions.

**Surface Weight Measurement** is unaffected by material type, color, or number of layers. Compatible with paper, metals, conductive materials, plastics, and more.

**Accuracy:** Within 0.3% of the recorded value with a resolution of 0.02. Higher accuracy for thinner products.

**Pass Line Error:** Variance of +/- 5mm with no impact

**Measuring Gap:** Up to 40mm





# Quad Plus®



## Product Maintenance

We base our service offering on corrective and preventative maintenance that reduces downtime and helps you improve the process.

At Quad Plus, our support agreements offer

- ✓ System calibrations
- ✓ Preventative maintenance
- ✓ On-site repair

Complete package options are available with all travel and labor included.

## Education and Training

Our training, included with the sale of each system, helps you increase productivity by optimizing the use of your instruments and expanding the skills of your operators.

Training topics covered:

- ✓ Basic Operation
- ✓ Calibration
- ✓ Routine Maintenance
- ✓ Troubleshooting

## Additional Offerings

Quad Plus can also assist in the removal and disposal of old nuclear sources.

Connect with us



[www.quadplus.com](http://www.quadplus.com)

(815) 724-2323