GLOBAL GAUGE CORPORATION

# THICKNESS GAUGE

## Product Portfolio

PERFECTA | ACCURA

Precision X-Ray & Isotope Measurement Systems
for Metals & Manufacturing Industries

# Portfolio Overview

Precision Thickness Measurement Systems

Global Gauge Corporation offers a comprehensive range of non-contact thickness measurement systems designed for the metals and manufacturing industries. Our **Perfecta** and **Accura** product lines deliver precision X-ray and isotope-based gauging across multiple PLC/DCS integration platforms.

## Integration Platforms

### Perfecta: Allen-Bradley | PLC-Integrated Gauge Systems

Full I-Series (isotope) and X-Series (X-ray) product families with Allen-Bradley ControlLogix architecture.

### Perfecta: Siemens | PLC-Integrated Gauge Systems

Complete feature parity with Allen-Bradley variants, engineered for Siemens S7 control environments.

### Accura: Emerson DeltaV | RIO-Integrated Gauge Systems

Optimized for Emerson DeltaV DCS environments and process-centric control architectures in continuous mills.

## Model Designation Quick Reference

| Model Number | Series | Measurement Technology | Typical Application |
|---|---|---|---|
| **90** | I-Series | Sr-901 isotope source | Light gauge / foil lines |
| **137** | I-Series | Cs-137 isotope source | Heavy gauge / plate mills |
| **241** | I-Series | Am-241 isotope source | Light–medium gauge strip |
| **40** | X-Series | X-ray tube source | Light gauge / foil lines |
| **100** | X-Series | X-ray tube source | Medium gauge strip & plate |
| **200** | X-Series | X-ray tube source | Heavy gauge / wide strip & plate |

## SKU Configuration Suffixes

| Suffix | Description |
|---|---|
| **-AB** | Allen-Bradley PLC integration |
| **-S** | Siemens PLC integration |
| **-C** | Centerline measurement configuration |
| **-T** | Traversing (scanning) configuration |
| **-D** | Dual c-frame configuration |
| **-CX / -CM** | Allen-Bradley PLC type: CLX / CPLX |
| **-2P / -3P** | 2-pass or 3-pass internal scanning configuration |
| **-iP** | Instantaneous profile thickness gauge configuration |

# Perfecta — AB

PLC-Integrated Gauge Systems | Allen-Bradley Platform

| MODEL | SERIES | SKU / CONFIGURATION |
|---|---|---|
| **Perfecta – 241 - AB** | **I-Series** | Perfecta - 241 – AB – CX - C<br>Perfecta - 241 - AB – CM - C<br>Perfecta - 241 - AB - CX - D<br>Perfecta - 241 - AB - CM - D |
| **Perfecta – 90 - AB** | **I-Series** | Perfecta - 90 – AB – CX - C<br>Perfecta - 90 - AB – CM - C<br>Perfecta - 90 - AB - CX - D<br>Perfecta - 90 - AB - CM - D |
| **Perfecta – 137 - AB** | **I-Series** | Perfecta - 137 - AB - C<br>Perfecta - 137 - AB - T |
| **Perfecta – 40 - AB** | **X-Series** | Perfecta - 40 - AB - C<br>Perfecta - 40 - AB - T |
| **Perfecta – 100 - AB** | **X-Series** | Perfecta - 100 - AB - C<br>Perfecta - 100 - AB - T |
| **Perfecta – 200 - AB** | **X-Series** | Perfecta - 200 - AB - C<br>Perfecta - 200 - AB - T<br>Perfecta - 200 - AB - 2P<br>Perfecta - 200 - AB - 3P<br>Perfecta - 200 - AB - iP |

# Perfecta — S

PLC-Integrated Gauge Systems | Siemens Platform

| MODEL | SERIES | SKU / CONFIGURATION |
|---|---|---|
| **Perfecta – 241 – S** | **I-Series** | Perfecta - 241 - S<br>Perfecta - 241 - S - D |
| **Perfecta – 90 - S** | **I-Series** | Perfecta - 90 - S<br>Perfecta - 90 - S - D |
| **Perfecta – 137 - S** | **I-Series** | Perfecta - 137 – S – C<br>Perfecta – 137 – S - T |
| **Perfecta – 40 - S** | **X-Series** | Perfecta - 40 - S - C<br>Perfecta - 40 - S - T |
| **Perfecta – 100 - S** | **X-Series** | Perfecta - 100 - S - C<br>Perfecta - 100 - S - T |
| **Perfecta – 200 – S** | **X-Series** | Perfecta - 200 - S - C<br>Perfecta - 200 - S - T<br>Perfecta - 200 - S - 2P<br>Perfecta - 200 - S - 3P<br>Perfecta - 200 - S - iP |

# Accura

RIO-Integrated Gauge Systems | Emerson Platform

| MODEL | SERIES | SKU / CONFIGURATION |
|---|---|---|
| **Accura - 241** | I-Series | Accura - 241<br>Accura - 241 - D |
| **Accura - 90** | I-Series | Accura - 90<br>Accura - 90 - D |
| **Accura - 137** | I-Series | Accura - 137 |
| **Accura - 40** | X-Series | Accura - 40 - C<br>Accura - 40 - T |
| **Accura - 100** | X-Series | Accura - 100 - C<br>Accura - 100 - T |
| **Accura - 200** | X-Series | Accura - 200 - C<br>Accura - 200 - T<br>Accura - 200 - 2P<br>Accura - 200 - 3P |

# GLOBAL GAUGE CORPORATION

Precision Measurement Systems
for the World's Leading Mills

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