

# Metrology Division



**Concept Machine Tool Wisconsin**  
World-Class Products and Services



## Carl Zeiss IMT

### Bridge Type CMM's

- Spectrum II
- Contura G2
- Accura & Accura II
- Micura
- Prismo

### Shop Floor CMM's

- DuraMax
- GageMax
- CenterMax

### Large Scale CMM's

- MMZ-E & MMZ-B
- MMZ-T & MMZ-G
- O-Inspect
- Metrotom

### Surface & Form Measurement

- Rondcom
- Contourecord
- Surfcom
- Handysurf

[www.zeiss.com/imt](http://www.zeiss.com/imt)

- Affordable Touch Trigger CMM
- Versatile Scanning CMM for Small to Medium Size Parts
- Large Envelope, Designed for Multi Sensor Inspection
- Ultra-Precision Scanning CMM
- Reference Class Accuracy & High Speed Scanning

- Small Footprint Shop Floor Scanning
- Mid Size, Automation Ready Shop Floor CMM
- Ultimate Speed & Accuracy for Production Line Use

- Large Gantry Style CMM's
- Large High-Accuracy Bridge Style CMM's
- Multi-Sensor (Vision + Contact) Measurement
- Computed Tomography (CT) Scanning Systems

- Roundness Measurement Systems
- Profile Measurement Systems
- Surface Finish & Combo Surface / Profile Systems
- Hand Held Surface Finish Measurement Devices



## Metronor

- Solo, Solo Twin, Duo
- NaviSCAN

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

- Portable CMM Systems for Large Applications
- Portable CMM System with White Light Scanning



## LDI (Laser Design Inc.)

- Surveyor ZS Series
- Surveyor DS Series
- Surveyor DM Series
- Surveyor FA Series
- Surveyor PS Series
- Artec 3D Video Scanner

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

- Automated Zeiss CMM Based Laser Scanning System
- Automated Helmel CMM Based Laser Scanning System
- Manual Helmel CMM Based Laser Scanning System
- Faro Arm Based Laser Scanning System
- Portable White Light Scanner with Tripod
- Handheld Portable Scanner

## Micro-Vu

- Excel
- Vertex
- Sol
- Spectra

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

- Automated Bridge Style Vision Measurement Systems
- Automated Benchtop Vision Measurement Systems
- Manual Benchtop Vision Measurement Systems
- Manual Optical Comparators



## Certified Comparator Products

- CC14, CC16, CC20, CC30

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

- Manual & Automated Optical Comparators with ECad Electronic Overlay System
- Refurbished Optical Comparators (all makes & models)

- Certified Pre-Owned



## Deltronic

DH216 & DV214

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

Horizontal and Vertical Style Optical Comparators

## George Products

Oasis & Oasis Core

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

Non-Contact Instant Optical Inspection Systems

## Bruker

Contour GT & NP-Flex Series  
NP-Flex LA Series  
Dektak Series

[www.bruker-axs.com](http://www.bruker-axs.com)

Non-Contact Surface Metrology Systems  
Surface Metrology & Lead Angle Measurement  
Stylus Profilometers



## Beta LaserMike

BenchMike  
Precision Scan

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

Benchtop Laser Micrometer Systems  
Laser Diameter Gages

## Focus Precision

LCD Microscope  
AxioCAM, AxioVision

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

Microscope with 8" Hi-Res LCD Screen  
Digital Imaging & Analysis, Microscopy Cameras



## Mitutoyo

Height Gages  
Small Instruments  
U-Wave

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

Manual & Motorized with up to 38" in Measuring Range  
Complete Line of Precision Hand Tools & Instruments  
Wireless Measurement Data Communication System



## Marposs

Bore, Snap, and Ring Gages  
LVDT Probes & Readouts  
Gauging Fixtures  
Hard Gages

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

Handheld Tools for Precision ID and OD Measurement  
Wide Range of Sizes and Configurations  
Standard or Custom Designed for your Application  
Go / NoGo Fixed Gages and Masters

## Solartron Metrology

Dimensional Gauging Probes  
Displacement Sensors  
WiGauge

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

Digital and Analog for a Variety of Applications  
5mm – 300mm range  
Wireless Bore Gauge System

## Chatillon

Force Gauges & Testers

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

Mechanical and Digital Force Measurement Instruments

## New Vista

Thread Verification Testers

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

Handheld and Integrated Systems for Automation

## Resec Systems

ShadowGage Part Sorter

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

Flat Platen High-Speed Parts Sorter



## Additional Product Solutions

### CMM Styli

- Carl Zeiss
- Renishaw
- Q-Mark
- Carbide Probes

### CMM / Vision System Fixtures & Tooling

- R&R Sales & Engineering

### Precision Measuring Tools

- Mitutoyo
- Mahr Federal
- Starrett
- Fowler
- Brown & Sharpe
- Swiss Precision Instruments (SPI)
- Flexbar
- Western Gage

### Hard Gages

- Deltronic
- Alameda
- Meyer Gage
- Glastonbury Southern Gage
- Vermont Gage
- Kentucky Gage
- NC Tool & Gage
- Hultgren

### Surface Plates & Layout Tools

- Starrett / Tru-Stone
- Busch Precision
- Suburban

### Miscellaneous

- Lista Cabinets & Storage Solutions
- Bulbworks Replacement Lighting

## Software Solutions

### **Zeiss Calypso Software Retrofits:** [www.zeiss.com/imt](http://www.zeiss.com/imt)

- Upgrade your capabilities with the same powerful software used on Zeiss CMM's
- Available for many applications, including:
  - Non-Zeiss CMM's
  - Pre-Calypso Zeiss CMM's running USoft or UMass Software
  - Faro and Romer Portable Arm CMM's

### **QC-CALC SPC Products from ProLink Software:** [www.prolinksoftware.com](http://www.prolinksoftware.com)

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|-------------------------|--|
| • QC-CALC Realtime      | Collect & Display Results from any Inspection System |
| • QC-CALC SPC           | Complete SPC Software Package                        |
| • Office Buddy          | Integrates with Minitab to End Manual Data Entry     |
| • Gagestation           | Collect & Display Results from Manual Gages          |
| • QC-SORT               | Identify Good & Bad Parts on Multiple Part Fixture   |
| • Enterprise Data       | Synchronize SPC Data with Data in an SQL Database    |
| • Enterprise Reporter   | Create Management Reports from SQL Database          |
| • Reaction Plan Manager | Create Process Adjustment Reports from SPC Data      |

### **Polyworks 3D Metrology Software from Innovmetric :** [www.innovmetric.com](http://www.innovmetric.com)

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|-----------------------------|---|
| • Polyworks Inspector       | Part to CAD Comparison & Dimensional Measurement for use with Point Clouds from 3D Scanners |
| • Polyworks Modeler + NURBS | Create NURBS Surfaced Model from Point Cloud Data for Reverse Engineering Applications      |

### **Inspection Xpert Software from Extensible CAD Solutions:** [www.inspectionxpert.com](http://www.inspectionxpert.com)

- Balloon your Inspection Drawings & Models Fast and Create Matching Ballooned Reports
- Works with any PDF / TIFF Drawing, or many CAD Platforms
- Available as License Based Installation or Web-Based On Demand Monthly Subscription

*Contact us for additional information or to request pricing.*

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