

Defect Control Systems ZEISS Industrial Metrology Imaging Systems



SRE Max

SRE Max 2D & 3D Lab/Shop Floor Radiology

- 2D / 3D Evaluations of Porosity, Inclusions, and Defects
- Computed Tomography option available on some systems





MODELS AVAILABLE

SRE Max (shown)
Broad Range of Use

SRE Hex

Entry Level Radiology

Acre 49

Configured for Batteries

Acre 94

Configured for Pistons

Thunder

Configured for Wheel Evaluations

OMNIA

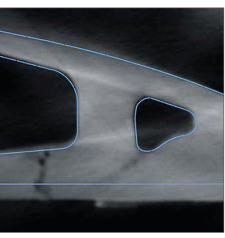
Configured for Large Parts & Automated Loading (9 axes)

VoluMax

VoluMax In-Process 100% Inspection

- Combine multiple scans into one data set
- Analysis of Porosity, Blisters, Shrinkage, and defects
- High speed evaluations from 5-120 seconds! (dependent on part and measurement objectives)
- Use CAD nominal geometry as accept/reject automatically prior to machining any surfaces





MODELS AVAILABLE

VoluMax 400 225kV / 1800 W VoluMax 800 225kV / 1800 W VoluMax 1500 225kV / 1800 W

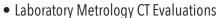


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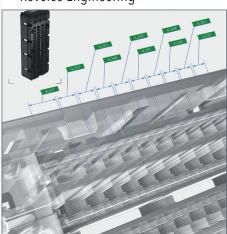


Metrotom

Metrotom High Accuracy Metrology Systems



- Comparison to Nominal CAD Files
- Reverse Engineering

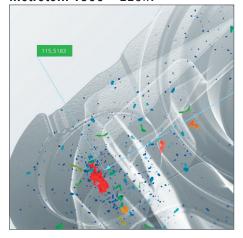


MODELS AVAILABLE

 Metrotom 800
 130kV

 Metrotom 800
 225kV

 Metrotom 1500
 225kV

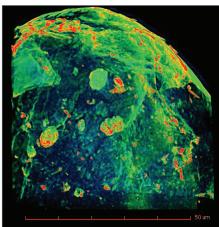


Versa/Ultra

Versa/Ultra High Resolution, Non-Destructive X-Ray Microscopy



- Purpose: Micro/Nano CT
- In Situ Measurements
- Highest Resolution Available



MODELS AVAILABLE

Versa 520 (shown)

Premium Offering

Versa 510

High Resolution and Contrast

Versa 410

Entry Level

Ultra 810

Low Density Materials

Ultra 800

Higher Density Materials