

Introducing the new **FastLine™** series of C-SAM<sup>®</sup> systems for Production line use ... **Model P300™**

**What's different about P300? ...**

**Every detail was engineered specifically to match the way customers use AM systems as part of their production and process control on the factory floor!**

**Some of the features incorporated into the new system are ...**



Operation has been optimized for throughput and productivity

Design has been integrated to minimize footprint

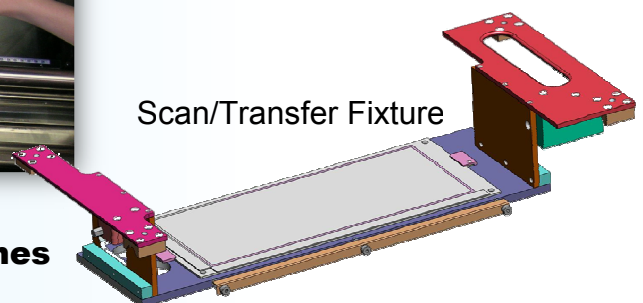
Ergonomic features provide operator comfort & efficiency

New electronics platform to meet current and next generation applications

Includes Sonolytics™, the new easy and intuitive user interface



**Simultaneous Scanning and Safe Loading Zones**





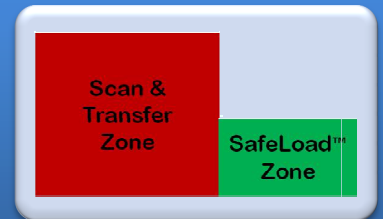
## Fast Scanning and Precise & Accurate Scan Fixture Positioning for Higher Throughput

- JEDEC tray or scan platform X,Y & Z “known locations” for repetitive scans
- High speed scanner mechanism
- Precise & Accurate motion control hardware
- Scanner based reference for repeatable positioning



## Easy loading/unloading of Parts and Transducers

- Scan fixture accepts a JEDEC style tray or flat plate
- “L” shaped tank with simultaneous scanning and loading zones
- Scan fixture transfer system for faster loading
- Easy and clear access to work surfaces
- Fast and easy transducer change over



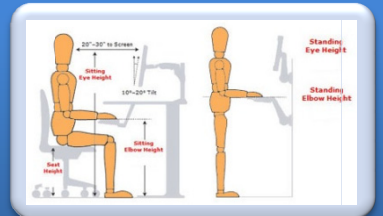
## Simplified and Expanded Features for Production/Process Use

- Visual Poly-Gate™ for simple and instant multiple depth AM imaging
- Precision AM imaging of internal features and thin layers
- Sonolytics™ Operator Interface with admin/op levels and multi-language
- Scan Tank Water Management with water level and filter functions



## Minimal Footprint plus Work Surface Height Choices

- Straight line configuration – Depth 76 cm (30 in) x Width 137 cm (54 in)
- Available in two work surface heights – 71 cm (28 in) or 89 cm (35 in)



# Sonoscan®

Sound Technology With Vision

## Leaders in Nondestructive Internal Inspection

Since its inception, Sonoscan has focused on developing superior Acoustic Micro Imaging (AMI) technologies to help our customers build higher quality products. Sonoscan remains the most trusted authority on the application of AMI for nondestructive internal inspection and analysis. Sonoscan patented systems span the laboratory and production environments and are regarded as the standard for accuracy and throughput.

### Sonoscan Delivers:

- **Superior Image Quality** ensured by the designs originating from our own transducer/lens development lab and fabrication facility
- **Extraordinary Data Accuracy** through our proprietary signal-processing algorithms, analysis functions and digital image/data formats
- **High Throughput Rates** by developing the most advanced integrated features, automation and analysis functions within our instruments
- **Unsurpassed Technical Expertise** with more than 20 dedicated and highly experienced AMI applications engineers on staff

For a complete list of Sonoscan's products, please contact Sonoscan at 847.437.6400 or visit our website ([www.sonoscan.com](http://www.sonoscan.com)).