

*Introducing New  
Precision Fabrication  
and Microfabrication  
Capabilities*



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## Introducing New TeoSys Engineering Inc. Precision Fabrication and Microfabrication Capabilities

The addition of J. L. Lyles Machine Shop brings a new dimension of macro fabrication capabilities to our existing precision micro fabrication services.

### Macro Fabrication

Feature sizes typically as small as 0.0005"

J. L. Lyles – Master Machinist with  
28 years fabrication experience.

- Quick Response Prototype
- High volume Production
- Cost Effective

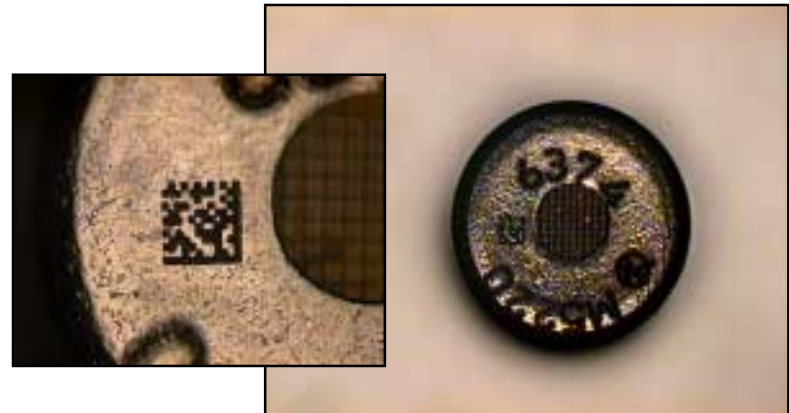


### Micro Fabrication

Feature sizes typically as small as 1-2 microns

Laser Micromachining.

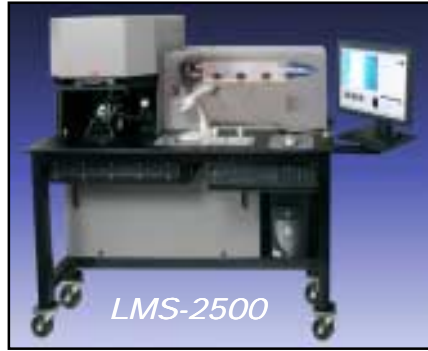
- Materials: Nearly All Plastics, Diamond, Thin Metals.....
- Wavelengths: 193nm and 248nm experts.
- Drilling, Milling, Marking, Deep Boring, Trimming.....
- 24 hr Quick Response available.



# Products

## UV and IR Laser MicroMachining Systems

- LMS-2500: High Speed Production System
- LMS-550: Low Cost Desk Top System
- Custom Systems and Design to Order



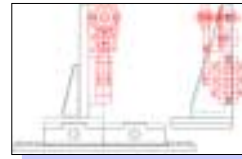
LMS-2500



LMS-550



catheter drilling system



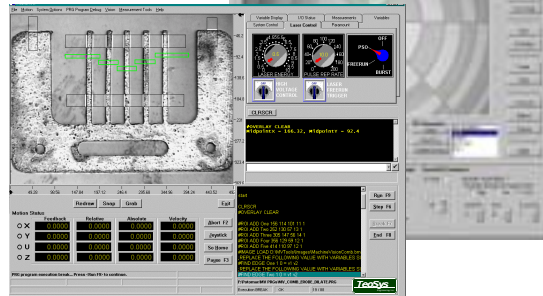
Custom Systems

## Proprietary Software



CNC Motion Control

## Machine Vision



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# Engineering Consulting

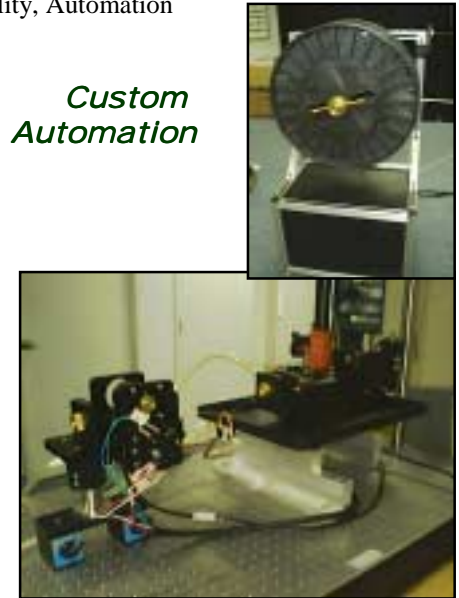
## Software, Hardware, Optical Engineering

- Embedded Real Time Software and Windows based instrumentation
- Mechanical Design, EMI/RFI Compatibility, Automation
- Optics, Electrical, Assembly technicians
- Ruggedized, Mil-Standard

## Mil-Std.



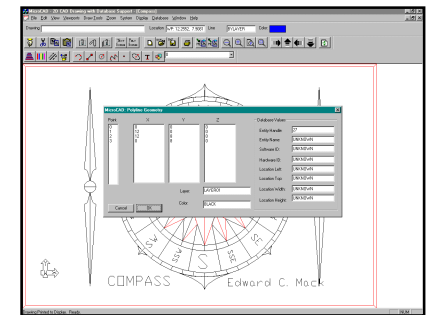
## Custom Automation



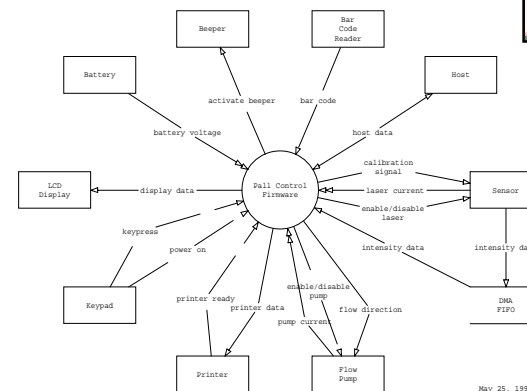
## Custom Test Stations



## Custom CAD



## Systems Engineering



May 25, 1995

