



Surveyor® Demo 3D Scanning System:

**Originally over \$115k*

- **Model:** *FaroArm 7 axis 12' Platinum*
- **Laser:** *SLP-2000*
- **Touch Probe:** *3 mm and 6 mm*
- **Software:** *Surveyor Scan Control*
- **Mount:** *Portable Tripod*

System Features

Laser Design Inc., the world leader in 3D laser scanning, introduces next-generation scanning technology combined with the world leader in Articulated Arm CMM's, Faro Technologies Inc. This high accuracy, portable 3D Laser Scanning System is the industry's fastest, more flexible and easy to use scanner. Laser Design's SLP probes have been designed for this integration with the Faro Arms for both the 7 Axis configuration. The Dual Receptor design of the SLP probes reduces the scanning motions to completely scan any kind of part or object. The SLP Probe's high speed makes scanning extremely fast. SLP Laser Scanning Probes with an 8" (200mm) allow for scanning of small high detailed parts to very large parts for automotive, aerospace, or almost any kind of large item or product.

The Faro Platinum Articulated Arm CMM's are the world's most popular measuring systems for simple to complex shapes. Touch probe measuring input is included with each arm at a basic level with industry leading metrology capabilities available as an option. This can make the FAROARM Scanning System the most capable measuring device for the widest variety of measuring requirements imaginable.

The FAROARM Scanning System offers bundled software (Geomagic, Rapidform, and Polyworks) to easily process the 3D scan data for Inspection Reports or Reverse Engineering applications. All three software packages can also be used as the scanning system interface.

System Accessories:

- 12' 7 axis Platinum FaroArm
- Heavy Duty Arm Travel Case
- SLP2000 laser probe
- SLP Interface Kit with Travel Case
- Portable Power – Universal batteries entire system
- Portable Graphite Tripod
- Installation, training, and 6 month warranty

System Options:

- PC- Laptop or Desktop
- PVC tooling spheres
- Part holder Frame- Rotary Flip Plate
- Data Processing Software- Geomagic
- Studio/Qualify, Rapidform XOR/XOV, Polyworks
- Extended Warranty
- Granite Inspection Table
- CMM software- CAM2

Machine Information	DS - 4060
Single Point Articulation Performance Test	.0029 / .073 mm
Volumetric Maximum Deviation	+/- .0041 / +/- .103 mm
FaroArm Weight	22.5 lbs. / 9.98 kg
Operating Temp Range	50 - 104 Deg F
Temperature Rate	5.4 Deg F / 5 Min. max
Operating Humidity Range	0-95%, noncondensing
Power Supply	85 - 245 VAC 50/60
Arm Length	12' reach
Counterbalance	Internal

System Pricing:

Laser Design Inc. is offering this demo system and all accessories at substantial savings. Please contact Jon Zora at jzora@laserdesign.com or 952-252-3431 for more details and a personalized quotation. ***Actual system not pictured above***

