



**ENGINEERING SPECIALISTS** INC.

Providing Technical Engineering Services Worldwide Since 1974



KNOWLEDGE & EXPERIENCE YOU CAN TRUST

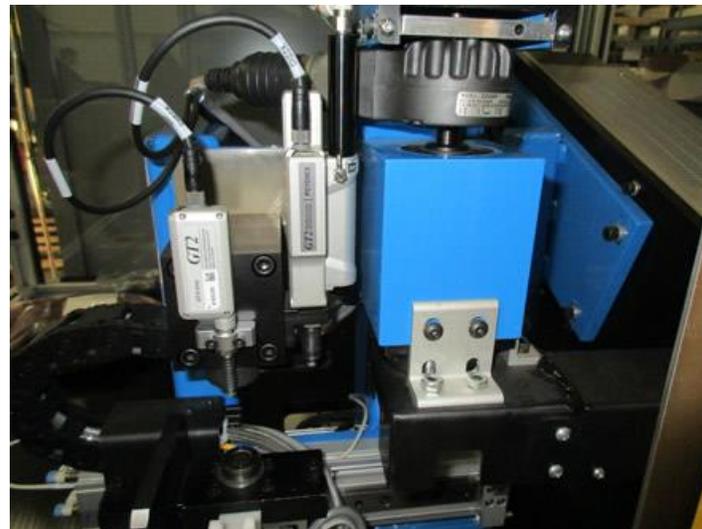
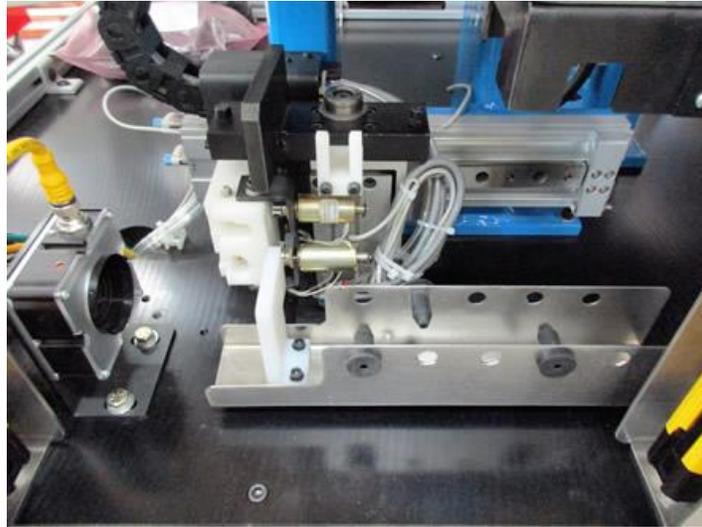
### **Automatic Gaging, Mechanical Function Verification, Electrical Spec Testing, Vision Inspection, Laser Marking, Rejection Control and Test Result Storage**

An internationally known manufacturer of sensors needed to increase their throughput for a line of sensors and also wanted to incorporate several inspections processes, storing the data for quality purposes, laser marking the accepted parts and rejecting and tracking parts that did not meet spec.

Engineering Specialists designed and manufactured a sensor testing system. The system uses state of the art components to perform a full test procedure in under 12 seconds. The testing system performs mechanical measurements, vision inspections and an electrical functional test to determine if the part conforms to product specifications. If the part passes, a serial number is assigned and laser etched onto the part. If the part fails, it is deposited into a lock box to segregate it from the rest of the parts. Test data and results are recorded so they can be audited and reviewed.

The system supplied, as shown in the photos, met the customer's specification and exceeded their expectations. The photos included in this newsletter show the system at ES's facility after the Acceptance Tests.

*We use our experience with current and emerging technologies to provide robust, custom automated control systems, equipment and networked information systems that improve the efficiency, product quality and profitability of our customers.*



## Our History

**A REGISTERED PROFESSIONAL  
ENGINEERING FIRM**

UL508 Certified (NNNY, NRBX, NITW)



Engineering Specialists, Inc. was founded by Robert Miller, a graduate of Marquette University's Electrical Engineering Program and Robert Phillips, a graduate of MATC.

The two close friends in need of a change had thought about consulting, but instead began building and designing the sophisticated equipment used by many of the most competitive businesses in the market today. Bob Miller recalls filing the very first customer file in his cabinet wondering if he would ever fill it. That was over 40 years, 1400 customers, and 20,000 projects ago!

With the technological challenges that all businesses experience, sometimes on a daily basis, Engineering Specialists has managed to evolve with the times to keep its customers in motion and ahead of their competition.

Contact Engineering Specialists today and find out how our skilled engineers and technicians can provide your unique business with the tools it needs moving forward successfully into the future.

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## 3 Convenient Locations

### CORPORATE OFFICE

21360 Gateway Court  
Brookfield, WI 53045  
Phone: (262) 783-8000  
Fax: (262) 783-8001

### NEENAH OFFICE

2416 Industrial Drive  
Neenah, Wisconsin 54956  
Phone: (920) 751-3900

### RACINE OFFICE

1139 Sunnyslope Drive  
Mount Pleasant, WI 53406  
Phone: (262) 783-8000  
Fax: (262) 783-8001

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## Partners

