



Manufacturing & Automated Solutions, Inc. (801) 619-0803 Fax (801) 619-4088

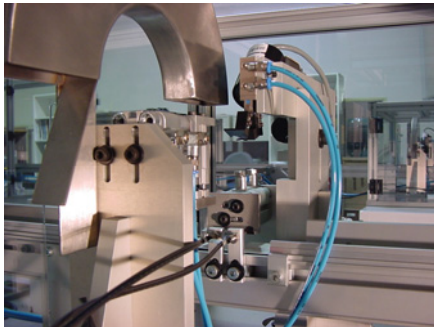
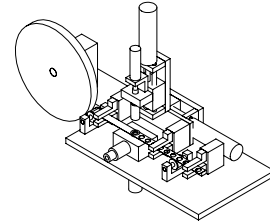
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## Provider of Manufacturing and Automation Services

With extensive experience in automation solutions, M & A Solutions, Inc. is able to provide innovative engineering and design solutions for your automation needs. We design and build machines that range in size from desktop to integrated manufacturing floor systems. Our expertise includes:

### Assembly Equipment Design and Fabrication

- *CAD modeling, 2D and 3D design capabilities*
- *PLC, PC, and MMI programming*
- *Machine vision systems*
- *Motion control systems (servo and stepper)*



### Laboratory Automation

- *Instrument software development*
- *Liquid handling*
- *Electrophoresis*
- *Colony picking*
- *Hybridization*
- *Plate handling*
- *Fluorescent imaging*

### Manufacturing Consulting

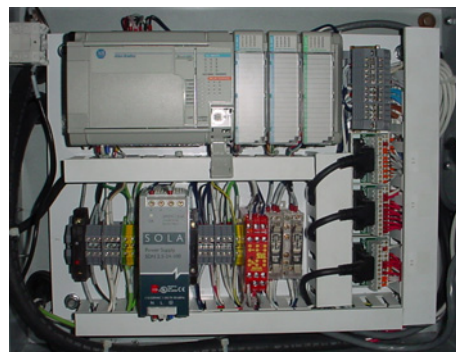
- *Manufacturing cost analysis*
- *DFMA analysis for manual and automatic assembly*
- *Process analysis & Quality Plans*
- *Independent testing protocols & documentation*



**Manufacturing & Automated Solutions, Inc. (M & A Solutions, Inc.) designs and manufactures custom equipment from manual fixtures to fully automatic systems for use in manufacturing, testing, research and a wide range of other applications. We specialize in cost efficient custom engineered automation to your requirements. All systems include complete and professional documentation.**

Applications have been used in the following industries:

- *Medical*
- *Pharmaceutical*
- *Biotechnology*
- *Consumer manufacturing*
- *Electronic*
- *Product testing*
- *Research Laboratories*



### Printing Systems

*Regional sales for Wolke m600*

*Thermal Inkjet Printer.*

*The clean ink jet printer, based on the well-proven Hewlett-Packard office printer cartridge.*



### **Manufacturing & Automated Solutions, Inc.**

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