

Solid

design solutions

A S S E M B L Y A N D
T E S T S Y S T E M S



build it right

Improve process output quality,
throughput, labor and profit margins

Solid

design solutions



Increase speed and quality, reduce costs

Producing a product is one thing, producing it at scale, at speed, yielding profits, is another. At Solid, we have nearly 20 years of experience in helping industry leaders such as 3M, Medtronic, and Thermo Fisher Scientific lower production costs, increase product quality, and reduce downtime with a wide variety of assembly process and testing solutions.

Our proven end-to-end development process can lead the way, with a rock-solid roadmap that mitigates risk while focusing resources on your project objectives: process improvement and an improved bottom line.

Assembly systems

Semi-automated assembly fixtures

- Operator-assisted assembly
- Operator load/unload
- Magazine-fed
- Precision positioning

Controls

- Manual
- Electronic
- PLC
- Pneumatic
- Embedded Processor

Clean Room Systems

- Assembly
- Inspection
- Converting
- Test
- Calibration
- Welding
- Hipot
 - Continuity
 - Swaging
- Adhesive bonding



Scale up operations to reach new goals

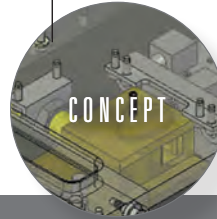
Whether you have a boutique production operation or an entire assembly line, whether you have clean room conditions or OSHA compliance concerns, Solid has the talent and resources you need to develop efficient, economical, and worry-free solutions for a wide variety of applications. We integrate mechanics and electronics with automation, best practices, and a meticulous attention to detail, optimizing your processes and testing to meet the demands of your market and your supply chain.

Our continuous focus, transparent reporting, responsive communication, and on-time, on-budget delivery mean you don't have to guess about success.

A SOLID process

brainstorming

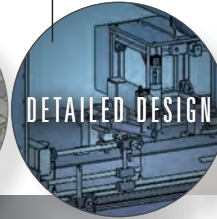
Project review, design definition and conceptual feature ideation sessions



CONCEPT

integration

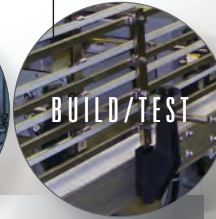
Refinement of concepts, components, mechatronics into virtual prototypes and engineering drawings



DETAILED DESIGN

reality

Integration of all designed components to maximize efficiency of your processes and reach production goals



BUILD/TEST

support

Make it right with Solid's expertise

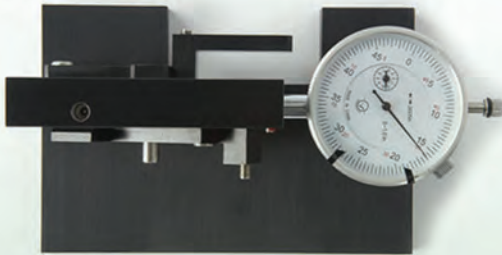


INSTALLATION

Test systems

Test Equipment

- Design validation testing
- In process testing
- Cycle testing
- HALT testing
- Cable and lead testers
- Circuit testing
- Final test



It's time to build it right

Call 877.786.7701 today and find out how.

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Proudly serving clients worldwide:



8400 Coral Sea Street NE, Suite 1800
Mounds View, MN 55112

toll-free: 877.786.7701
tel: 763.786.7770
fax: 763.780.1541



www.soliddesignsolutions.com