

News

ADVERTISEMENT



Mack Acquires Synectic Engineering

Tue, 07/23/2013 - 10:43am

by Mack Molding

Mackmedical/Mack Molding

LISTED UNDER: [Injection Molding](#)|[Insert Molding](#)|[Molding](#)|[Design & R&D](#)

[Get today's electronic medical design headlines and news - Sign up now!](#)

Expands Product Development Services

Effective today, Mack Molding is the new owner of Synectic Engineering, Inc., a medical product development company in Milford, Ct. Synectic employs 18, including mechanical, electrical, biomedical, materials, chemical and quality engineers, clinicians, and industrial designers. Facilities include 3D CAD platforms, a model shop, an in-vitro tissue lab, and an on-site Class 10,000 clean room for pilot manufacturing. Both privately owned companies, the terms of the agreement are not being disclosed.

"This investment will allow Mack to augment its front-end services with clinically driven product development professionals that focus 100 percent of their time and talent on product design and development," says Jeff Sample, president of Mack Molding's Northern Operations.

"Today, OEMs want to hold fewer suppliers responsible for more," Sample adds. "By augmenting Mack's capabilities with engineering resources skilled in proof-of-concept, pre-clinical R&D, and product development from design to pilot manufacturing, everyone wins. Synectic gains the financial backing of a large contract manufacturer with extensive prototyping and manufacturing services. Mack adds more firepower and muscle behind its front-end services. And customers have the luxury of managing and auditing only one supplier with a robust complement of product development, molding, metal and total product manufacturing services."

Synectic and its current employee group will remain in Milford under the supervision of its new president, Adam Lehman, who previously served as VP and chief operating officer. "We are all very excited about joining Mack, which will allow us to keep programs under one roof," says Lehman. "We'll now be able to provide uninterrupted oversight and support for the full life of a program, rather than handing off to a manufacturing partner. The whole process will now be seamless, because Mack will be involved from the start."

Synectic operates on a fixed pricing model, rather than taking the more conventional time and materials approach. "Fixed fee forces a more time- and cost-conscious path," says Lehman. "We have senior level staff, each with more than 10 years of medical product development experience, and an established process that facilitates success." The product development process features five phases, including project definition, concept development, engineering development, design for manufacturability, and pilot manufacturing.

"There's a gap between the genesis of a product design and its move into full production on the manufacturing floor," says Sample, who believes these five phases will fill that gap. "It's one thing to make one or two or 10 of something to validate a concept and function. It's quite another to manufacture in large quantities at a competitive price in a productive fashion with good quality.

"All too often, manufacturers find themselves embroiled in concurrent engineering on design while under tremendous pressure to launch into full scale production at the same time," he continues. "That's really not the way to do it. This acquisition is going to strengthen our ability to bridge that gap, both for ourselves and our customers."



Tracking the medical device design beat.



SHARE THIS STORY

Like 0 Tweet 1 Share 0 Share



RELATED CONTENT

- [Interplex Medical Announces Agreement With Leading European Supplier of Implantable Devices](#)
- [Handling the Pressure](#)
- [Funding: SurgiQuest locks up \\$18.5 million](#)

COMMENTS

0 comments



Leave a message...

Best Community

Share

ALSO ON MEDICAL DESIGN TECHNOLOGY

[What's this?](#)

[50-Year-Old Assumptions About Strength Muscled Aside](#)

1 comment • 7 days ago



M. Simon — Endocannabinoids regulate the muscle and skeletal systems.

[Health Law's Rule Delay Could Hamper Enforcement](#)

3 comments • 7 days ago



M. Simon — The delay is because the enforcers are not ready. Not enough bureaucrats and policies and men with guns to back them up.

[Improving Patient Safety with Unique Device Identification](#)

2 comments • 2 months ago



Warren Ward-Stacey — A UDI system has the potential to improve traceability, allow better target recalls, ensure that a component is a genuine article by providing post ...

[Commentary: Obamacare's Other Surprise](#)

2 comments • 2 months ago



Paul — How does saving lives equate to lowering health care costs? What if I don't want a powerful central government know I am genetically a Jew?

Comment feed Subscribe via email

DISQUS



Search MDTmag



Advertisement

**Synrad
Industrial
CO₂ Lasers**



The recognized leader in CO₂ laser materials processing from 10W-400W



PRECISION - REPEATABILITY - UDI CODING
SECURITY - TRACEABILITY - NON-CONTACT

FREE
Email Newsletter

[View Sample](#)

MDT MEDICAL DESIGN TECHNOLOGY **DAILY**

SUBSCRIBE

Advertisement

Tracking the medical device design beat.

the **PULSE**


Catch the latest update with MDT editor Sean Fenske.



MDT MEDICAL DESIGN TECHNOLOGY

Advertisement

Insert Molding Solutions at Crescent Industries



New Products

Low Loss, Fiber Optic Terminus and Adapter

Compressor for Air Vending Applications

July 23, 2013 5:31 pm | by MDT Staff

Membrane Switch Sample Features Functional Design Options

July 23, 2013 5:24 pm | by MDT Staff

Nichrome Sealing Wire Capable of 500°F Continuous Operation

July 23, 2013 5:19 pm | by MDT Staff

[View More Product Releases »](#)

Advertisement

Trending

- [Health Law's Rule Delay Could Hamper Enforcement](#)
3 comments · 1 week ago
- [50-Year-Old Assumptions About Strength Muscled Aside](#)
1 comment · 1 week ago

Video of the Day

MDT MAGAZINE

- About Us
- Advertising Info
- Contact Us
- Descriptions
- Privacy Policy

RESOURCES

- Articles
- Blogs
- Digital Editions
- Events Calendar
- News

TOPICS

- Anesthesiology and Pulmonary Medicine
- Cardiovascular
- Dentistry
- Diagnostics
- Ear, Nose, & Throat

CONNECT WITH US

- Facebook
- Twitter
- YouTube
- RSS

NEWSLETTERS

[Supplier Directory FAQ](#)

[Videos](#)

[Terms & Conditions](#)

[White Papers](#)

[Neurology](#)

[Obstetrics and
Gynecology](#)

[Ophthalmology](#)

[Orthopedics](#)

[Physical Medicine](#)

[Radiology](#)

[Surgery](#)

All fields are required.

MDT Daily

News, technology, and product developments focused on medical devices and design.

MDT Today

A late-day update on breaking news in the medical design industry.

MDT Technology & Video Showcase

Products and technologies for the medical design market.

SUBSCRIBE

OUR PARTNER SITES



Advantage Business Media © Copyright 2013 Advantage Business Media

