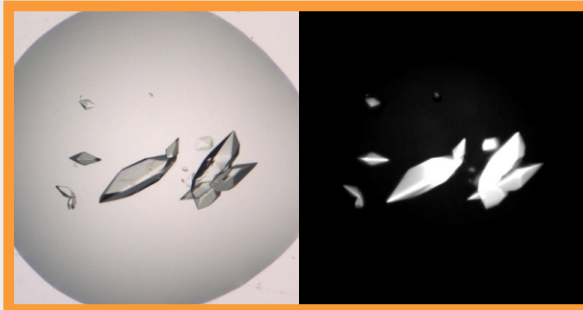


company profile

Jl. Soekarno Hatta 121 Salatiga, 50731, Indonesia.

Tel: +62 298 312 762 Fax: +62 298 315 190. Email: forindo.office@formulatrix.com

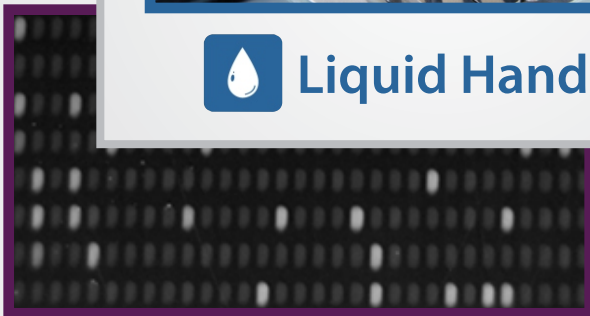
www.formulatrix.com



Protein Crystallization



Liquid Handling



Digital PCR

about us

Formulatrix was established in 2002 to provide protein crystallization automation solutions. Since then, we've started developing the next generation of liquid handlers using microfluidic technology. Headquartered in Bedford, Massachusetts, we supply software and robotic automation solutions to leading pharmaceutical companies and academic research institutions around the world. Our team works tirelessly to provide the best products in the industry with support that is second to none.

Founded in 2002 by Jeremy Stevenson, Formulatrix is a fast growing robotic design company that seeks improve the protein crystallization automation process, and develop new microfluidic technology. Serving companies such as Wyeth, Boehringer-Ingelheim, Pfizer, and Exelixis, we focus on solutions for software (both protein crystallography and liquid handling software) such as Rock Maker, Imaging Systems such as the Rock Imager 1000, and next generation liquid handlers such as the ALA Lab Automation 2008 new product of the year award winning Formulator. We have developed UV capabilities for our Rock Imagers, and tout one of the world's fastest dispensers - the Tempest.

Along with the continued growth of all three of our product lines (**Protein Crystallization, Liquid Handling, and Digital PCR**), we broke ground on a brand new world headquarters in Bedford, MA in the Spring. Construction was completed over the summer and doors opened to our new home in September. We were also excited to show off our new home by hosting our first ever **Advances in Protein Crystallography conference** - a two day symposium that invited scientists from across the globe to come learn from industry leading researchers, provide developmental feedback on our products, and participate in a hands on LCP workshop.

**FORMULATRIX**

letter from ceo

Formulatrix is committed to providing the life science community with the most innovative robotic automation equipment and software on the market. Our team doesn't simply upgrade the systems everyone else is making - we reinvent the technology, producing the smartest, fastest, and most efficient imagers and liquid handlers available.

Since its inception in 2002, Formulatrix has grown from a one-person enterprise with a single product into an international company with a line of imagers, software, and liquid handlers that all fifteen of the top pharmaceutical companies use in their research. We continue to expand our reach into new markets with products like the Tempest, a high-throughput dispenser with many applications to a broad range of industries.

We think that developing top-notch laboratory equipment is congruent with having fun! At Formulatrix we have a casual dress code, an open-door environment, and even grill-outs every Friday of the summer. We think a positive attitude goes a long way to meet project deadlines and deliver quality support.

Most of all, we aim to convert our customers into loyal clients through the quality of our products and customer service. Our imagers run nightly diagnostics and send us summary emails every morning, alerting us when equipment needs maintenance before the user is even aware of an issue. We believe that if we make excellent products that outstrip the competition and commit to full product support, we will continue to expand our influence as a world leader in protein crystallization and liquid handling.

Regards,
Jeremy Stevenson



what we do

Formulatrix is providing protein crystallization automation solutions. Since then, we've started developing the next generation of liquid handlers using microfluidic technology. Headquartered in Bedford, Massachusetts, we supply software and robotic automation solutions to leading pharmaceutical companies and academic research institutions around the world. Our team works tirelessly to provide the best products in the industry with support that is second to none.

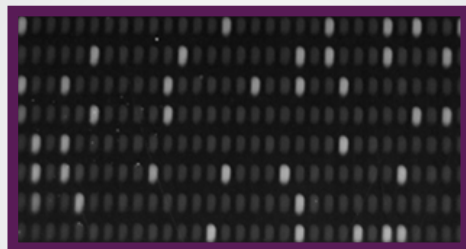
During 2013 Formulatrix reorganized into three distinct business unit - **Protein Crystallization, Liquid Handling, and Digital PCR**. In **Protein Crystallization** we saw great market success with SONICC and NT8. The former was proven to be a key technology that is strongly tipping the high end market in our direction. The later rounds out our product line making us the only vendor to offer a complete crystallization suite. In **Liquid Handling** we matured Mantis and Tempest technology and with larger sales team grew revenue by 50%. In **Digital PCR** we successfully developed and tested a new technology for cost effective high throughput dPCR, gaining us entry into the sizable PCR market. Our debut dPCR product, the Constellation, made it's first public appearance in October, 2013.



Protein Crystallization



Liquid Handling



Digital PCR

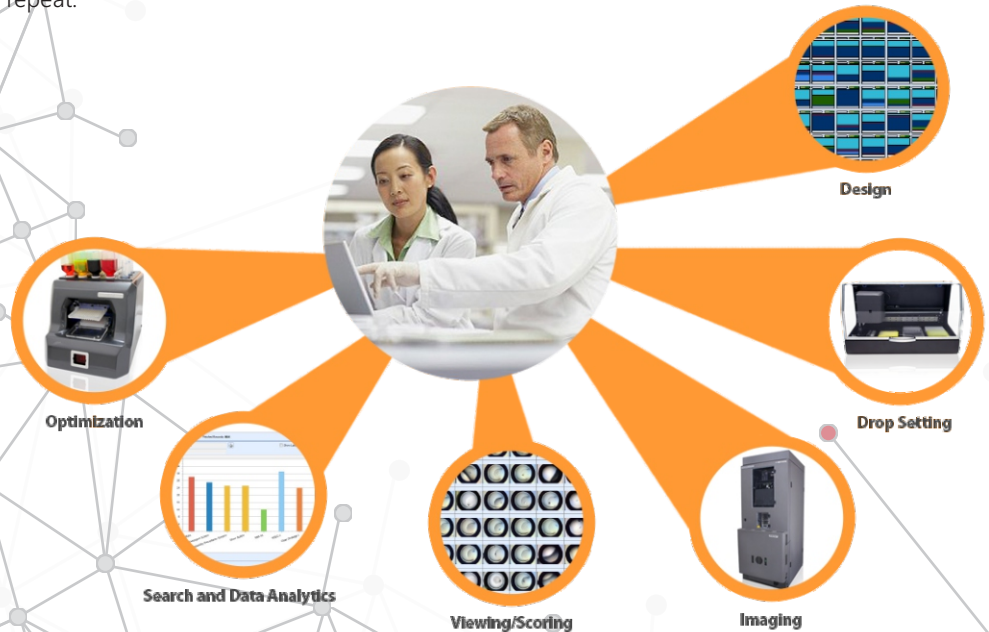
products

protein crystallization

rock maker

Your Crystallography **Control Center**

Rock Maker is a powerful yet easy-to-use software that manages the entire protein crystallization process for your research team. Design experiments, set the automated imaging schedule, dispense with your liquid handler, then examine and score the images. Got a hit? Use Rock Maker to optimize conditions directly and build a new experiment. Not sure which way to go? Use the built-in analytics to discover promising trends - then wash, rinse, and repeat.



for more information about Rock Maker please visit www.formulatrix.com/rockmaker

rock imager

Crystal Clear Imaging. Unparalleled Speed.

Rock Imager is an automated imaging system for protein crystallization. This robust, easy-to-use solution incubates and captures superior quality images on a user-defined schedule. Just load your plates and go.

The Rock Imager product line is the most trusted imager in protein crystallization and is used by the top 10 pharmaceutical companies and many renowned academic centers. There are several models available with up to 1000 plates capacity.



for more information about Rock Imager please visit www.formulatrix.com/ri1000

sonicc

SONICC finds crystals that other technologies cannot.

SONICC (Second Order Nonlinear Imaging of Chiral Crystals) definitively identifies chiral crystals with SHG (Second Harmonic Generation) technology and discerns between protein and salt crystals with UV-TPEF (Ultraviolet Two-Photon Excited Fluorescence) technology.

Major pharmaceutical and academic research labs worldwide find SONICC to be extremely successful, cost effective, and efficient.



for more information about SONICC please visit www.formulatrix.com/sonicc

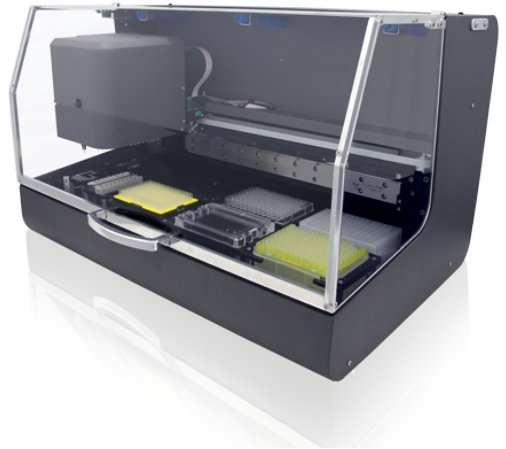
NT8 crystallography

Reliable drop setting with active humidity control

The NT8 is a fast, compact, nanoliter-volume liquid handler with drop dispensing capability, including LCP experiments. The 8-tip head aspirates and dispenses drops from 50 nL to 1.5 μ L. Dry dispense any volume between 50 nL - 1.5 μ L of a range of fluids with CV's averaging 5%.

Efficiently designed, the NT8's dead volume is less than 3 μ L for 96 drops. NT8 tips are reusable, yet inexpensive enough to be disposed after each use. Active humidity control minimizes sample evaporation.

for more information about NT8 please visit www.formulatrix.com/nt8



frap

Find the optimal conditions for LCP crystal growth, without waiting on your crystals.

Fluorescent Recovery After Photobleaching (FRAP) is an optical technique that allows you to identify the optimal conditions for LCP crystal growth without having to wait on the crystals actually growing. The automated process in this imager can analyze a 96-well plate in less than 45 minutes.

for more information about FRAP please visit www.formulatrix.com/frap

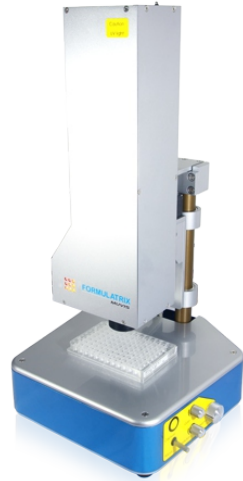


muvis

Crystal Clear Imaging at an Affordable Price

The Manual UV Inspection Station (MUVIS) is a stand-alone visible and UV microscope that provides a quick way to scan your plates for protein crystals. Place your plate on the plate holder, navigate to the drop of interest using the MUVIS control software, and immediately see if your crystal is a protein.

for more information about MUVIS please visit www.formulatrix.com/muvis



formulator

Dispense up to 34 different reagents, any viscosity.

The Formulator is a next-generation liquid handler that uses patented microfluidic technology to dispense up to ten times faster than traditional liquid handlers and is capable of dispensing viscous reagents.

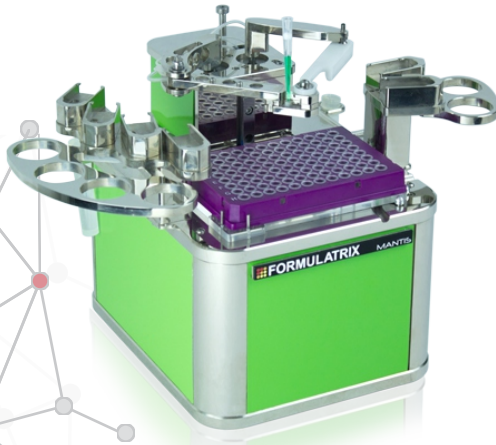
for more information about Formulator please visit www.formulatrix.com/formulator



liquid handling

mantis

Something in the way it **moves**...



The Mantis is a programmable, low volume, low dead-volume, non-contact liquid dispenser that can reliably dispense a variety of solutions including those containing beads, cells, proteins, enzymes, nucleic acids and highly concentrated salts.

A pipette tip or tube from a reagent bottle inputs directly into the Mantis' chip, minimizing dead volume to as little as 6 μL .

for more information about Mantis please visit www.formulatrix.com/mantis

tempest

Because you've got **better** things to do...

The Tempest is a non-contact, bulk reagent dispenser. It can be configured to simultaneously deliver up to 12 reagents through 96 individually-controlled nozzles, and is capable of dispensing any volume of any reagent into any well.

The modular dispense head can accept up to 12 easily replaceable chips, each containing eight dispense nozzles.

for more information about Tempest please visit www.formulatrix.com/tempest



digital pcr

constellation

High throughput digital PCR. Simplified.



Absolute quantification: No need for perfect reaction efficiency or standard curves.

Simple workflow: The only pipetting step is transferring the reaction mixtures to the microplate.

High Throughput: Perform digital PCR on 96 samples at once and up to 384 samples per hour.

for more information about Mantis please visit www.formulatrix.com/mantis

customers

Our customers include leading pharmaceutical companies and academic research institutes from around the world. They come from a broad range of scientific study and backgrounds. We would like to thank all of our customers for their business and support.



more customer information please visit:

<http://www.formulatrix.com/protein-crystallization/customer.html>

contact us

Below is a contact list of regional distributors of our products.

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