

Custom Integration

IDEX Health & Science is uniquely positioned to solve even the most demanding fluidic and optic challenges in a wide array of markets and applications. From our extensive experience working with our partners, we've evolved a best-practice collaboration path to guide the optimization of your optofluidics solution with expert precision. With your design goal in mind, we partner with you on the concept, modeling, design, prototype, and validation of your optofluidic pathway.

Our technical resources are available to meet your laboratory needs. We provide you with a detailed understanding of your optofluidic pathways, sharing our expertise through online tools, application support, and training resources. Use our collaboration path (below) to target your optofluidic solutions, and if you are interested in partnering with us, please fill out one of our [design or quote request forms](#).



Step One

OUR EXPERTISE

YOUR IDEAS

Connect to Our Expertise

WE WILL REVIEW YOUR REQUEST AND:

- Evaluate the technical feasibility of your designs and ideas <
- Provide initial design advice <
- Jointly scope the proposed project and provided schematics <

Begin Exploring Solutions

YOU SUBMIT YOUR DESIGN APPLICATION REQUEST

- > Share your flow path, design, and timeline needs
- > Visit www.idex-hs.com to review existing products
- > If applicable, order existing products

Step Two

OUR EXPERTISE

YOUR IDEAS

Collaborate on the Initial Review

IF YOUR DESIGN IS A GOOD FIT FOR OUR CAPABILITIES WE:

- Will work with you on prototype or product development <
- Evaluate opportunities <
- Review schematic layout <
- Work with you to solve fluidic problems <

Capabilities & Requirements

SHARE YOUR NEEDS

- > Disclose your anticipated performance specification
- > Define timelines for development
- > Discuss operational parameters

Step Three

OUR EXPERTISE

Iterative Partnership

TOGETHER WE ITERATE THROUGH DESIGN AND DEVELOPMENT ROUNDS

- Our comprehensive process allows us to innovate and alter as necessary <
- Rapid prototyping and tooling <
- Repeating rounds of analysis <
- Protection of your intellectual property <

YOUR IDEAS

Iterative Partnership

TOGETHER WE ITERATE THROUGH DESIGN AND DEVELOPMENT ROUNDS

- > Share design requirements
- > Share process control and testing requirements
- > Give insights to intellectual property requirements

Step Four

OUR EXPERTISE

Design & Validate

WE DEVELOP A SOLUTION IN PARTNERSHIP WITH YOU

- Design may incorporate off-the-shelf or custom parts <
- Highly collaborative prototyping <
- Interactive design meetings <

YOUR IDEAS

Provide Feedback

YOU TEST YOUR NEW DESIGN AND SUPPLY FEEDBACK

- > Approve the initial design, or request changes
- > Validate system capabilities
- > Evaluate performance relative to initial specifications

Step Five

OUR EXPERTISE

Delivery of Components

WE DELIVER OPTIMIZED SUB-SYSTEMS AND/OR COMPONENTS

- Packaged and delivered to your specifications <
- Solutions can include sub-assemblies, parts, and kits <
- Global customer service <

YOUR IDEAS

Prepare for Integration

YOU PREPARE FOR SUBASSEMBLY INTEGRATION

- > Examine components and review manuals and associated literature
- > Consult with us on your first steps toward implementation

Step Six

OUR EXPERTISE

Continuous Improvement

WE SUPPORT YOU BEYOND INITIAL DEVELOPMENT AND WILL

- Assist throughout your instrument life cycle <
- Assist with analytical methodology <
- Provide life-of-instrument support <

YOUR IDEAS

Integrate with Your Instrument

PROVIDE FEEDBACK TO IDEX HEALTH & SCIENCE ON

- > Optofluidic performance
- > Methodology changes
- > Integration challenges



READY TO GO TO MARKET

IDEX Health & Science is *the* global authority in fluidics and optics, bringing to life advanced optofluidic technologies with our products, people, and engineering expertise. *Intelligent solutions for life.*

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Find an authorized reseller near you.

Intelligent Solutions for Life™

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