

# Custom OEM Subsystems

*For Life Sciences Applications*

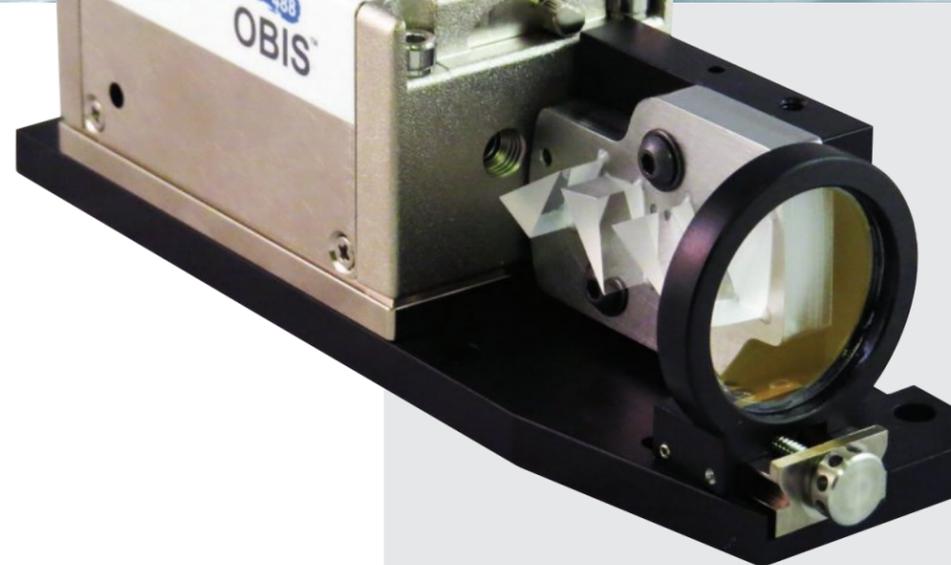


**Superior Reliability & Performance**

# TELL US THE END-POINT. WE MAKE IT HAPPEN.



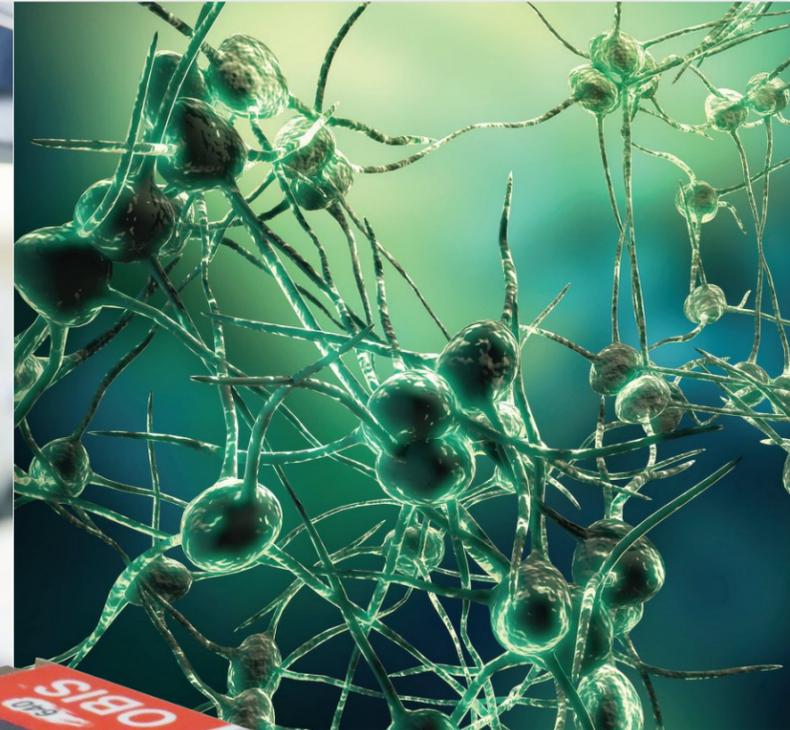
- ✓ A single vendor for complete, integrated laser optical assemblies
- ✓ Eliminate design & engineering risks
- ✓ Guaranteed delivered beam characteristics
- ✓ Reduce time to market
- ✓ Lower material costs
- ✓ Minimize service and reduce downtime for your customers



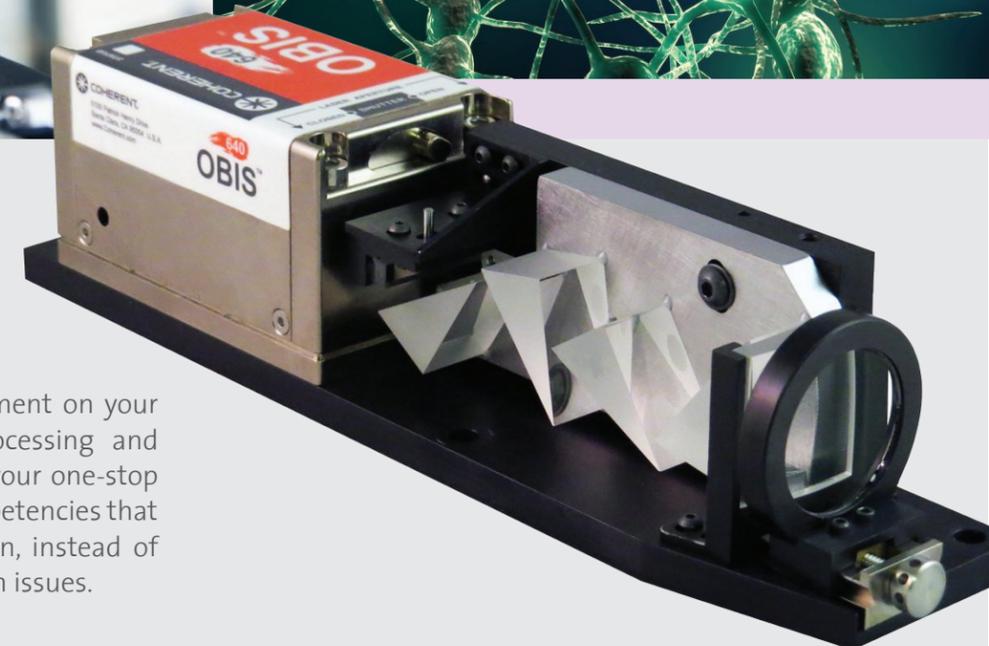
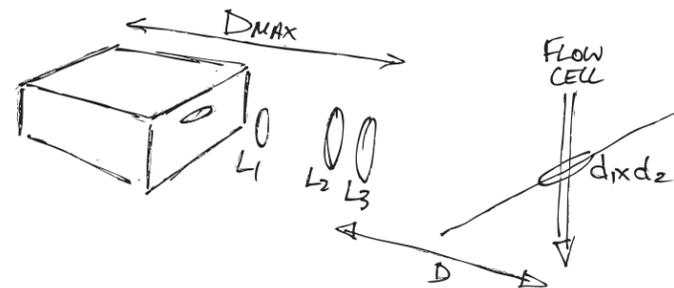
From flow cytometry to DNA sequencing and confocal microscopy, successful laser-based life science instrumentation requires precision beam delivery. Accomplishing this can involve numerous optical, photonic and optomechanical components, all working together to create the ideal beam characteristics required. Coherent is the world's largest supplier of standard and custom lasers, and the world leading expert in custom laser engines. That's why more instrument builders choose Coherent as their one-stop partner for conceiving, designing, and building turnkey, integrated photonic engines.

# Eliminate Design & Engineering Risks

# Let Your Application Be Your Focus



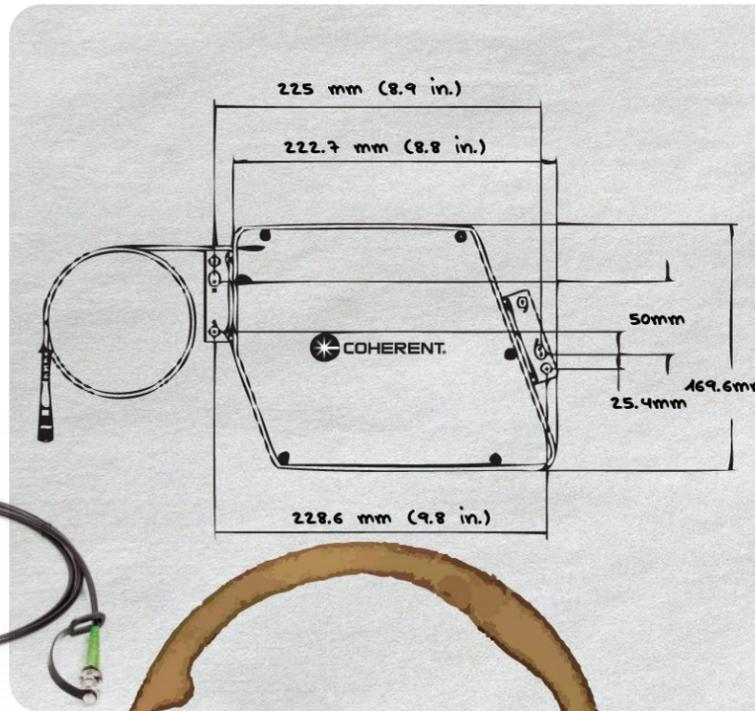
Shaping and delivering laser beams in an efficient manner requires expertise in photonics, and experience in translating the design into cost-effective manufacture. Eliminate the risk of over-specifying, over-building, and over-paying. Eliminate the time and costs of re-design. Eliminate the hassle and cost of hiring engineers to figure out technical specifications. Eliminate the risk by partnering with a vendor who has decades of experience supporting instrument builders, large and small. For any given application, Coherent knows what works and what doesn't.



Build the success of your next instrument on your expertise in biochemistry, signal processing and other innovations. With Coherent as your one-stop partner, you can focus on the core competencies that differentiate you from the competition, instead of getting side-tracked by laser integration issues.

# Guaranteed Performance

When you partner with Coherent, you will get a laser subsystem with guaranteed performance of the final beam. You will get a system with a beam of the right shape, size and intensity profile: a beam at the correct location with the right beam pointing and stability performance. You give us all the important specifications and we'll give you an integrated, drop-in solution that meets all those requirements. It's that simple.



## A Single Vendor

We work with you to define the optimum specifications and we then guarantee that performance. With multiple component vendors, when one more beam parameter fails to meet specification, how will you determine the cause, and how quickly will you resolve the issue?

## Faster Time to Market

By eliminating the challenges and difficulties of designing, testing and building your own laser engine, you also save time – lots of time. That means your new instrument goes from concept to market as quickly as possible. Working with Coherent as your partner minimizes lost opportunity costs, and maximizes the market opportunity.



## Cut Your Development Costs

With Coherent as your partner, you are buying a result. To design and build your laser system internally from separate components, you will need a team of photonic experts. The cost of that team comes straight off the bottom line. Outsourcing your complete laser engine saves R&D costs, and allows you to concentrate on innovation.

## Minimize Your Field Service Costs

At Coherent, we focus on “Superior Performance & Reliability.” You will have a superior laser and beam delivery module with the highest possible reliability. That translates directly into greater reliability of your final instrument. Delivering enhanced satisfaction and improved up-time for your own customers, and lower service costs for you.



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