

Case Study: Confidential Client

Background

The organization and individual involved have requested to remain confidential. This company has pioneered an entirely new approach to harnessing the power of cells. By applying the latest advances in biology, automation, machine learning, and data architecture they have developed new, more efficient, and more reliable ways to optimize microbes for industrial fermentation.



The client designs and creates new microbial strains at a high pace in an automated manner, removing human error from the equation. The new designer microbes are capable of improving products which in turn impacts the industrial biotechnology field.



The Challenge

The client has a flexible platform to engineer a wide variety of industrially-relevant microbes and improve the economics of new and existing products made via industrial fermentation. Because of this platform and its breadth, the autoclave cycle parameters and capabilities must be verified.

The client needed an apparatus or interface to help document temperature mapping.

The Solutions

By using Mesa Labs' DataTrace 3" MPIII Temperature probes, the client was able to check the capabilities of their autoclaves and verify the cycle parameter. The client was able to rent the equipment needed, rather than purchase the equipment, which allowed for a more flexible relationship and cost savings.

Mesa Labs' MPIII Temperature probes are adaptable to almost any situation, measuring less than an inch. Their small size increases versatility and precision by allowing positioning very near or inside items.

Testimonial

"The Mesa Labs equipment and the DataTrace team were extremely responsive and helpful with my questions"

– Lab Services Employee

