

CASE STUDY | 454 Life Sciences



INDUSTRY
Medical Device

APPLICATION
Genetic Testing

PROCESS
Injection Molding

BACKGROUND ON ADVANCED INSTRUMENTS

454 Life Sciences, a biotechnology company specializing in high-throughput DNA sequencing. They developed the Genome Sequencer System™ to provide advanced genome sequencing capabilities to support genetic studies and ongoing research in sensitive environments.

They had a complete design in place for their Genome Sequencer System™ but were looking for cost-effective tooling solutions that would reduce initial production costs.

THERMOFAB'S SOLUTION

The production timeline was critical for 454 Life Sciences, as they had already taken orders for the Genome Sequencer System™ and wanted to expedite their delivery timeline. ThermoFab offered injection molding as the ideal solution, ensuring the tooling and piece price ratio met project demands.

Additionally, ThermoFab's in-house color experts ensured the unique paint selection aligned with delivery schedules and budgets, showcasing the benefits of working with a company with specialized in-house expertise.

THE RESULT

ThermoFab successfully delivered a high-quality, cost-effective product on time and within budget. This allowed 454 Life Sciences to meet customer demands and distribute the Genome Sequencer System™ without delays. The ongoing success of the collaboration has resulted in additional production orders with ThermoFab.

Secondary processes included: painting & fabrication

