

xlaFORM Thermoforming Technology

DESIGN ► PRINT ► INFUSE ► TOOL

Aladdin Temp-Rite takes 3D Printed Tooling from Lab to Production Line

Technical innovation is nothing new for Aladdin Temp-Rite, in fact they have been a market leader for over 35 years. They pride themselves on offering the most highly evolved line of meal delivery systems in the world. They also have the engineering expertise and resources to meet any challenge and solve any problem for their healthcare industry customers.

It's precisely this problem solving aptitude that led Engineering Manager David Gordon, to choose the combination of ZCorp's ultra quick 3D printers and xlaFORM's patented vacuum infusion system.

A typical CNC machined thermoform tooling insert, costs about \$800 and requires 8 weeks lead time. The massive benefits of rapid tooling were obvious yet the solution was simple; create 3D Printed tooling that can offer production quality plastic parts.

"It's a win-win situation; I can get real production plastic parts in hours not weeks. First we created xlaFORM tooling for our simple lab former. It worked so well we ran the xlaFORM insert in our 48 cavity production tool alongside the Teflon coated aluminum inserts and the results were excellent."

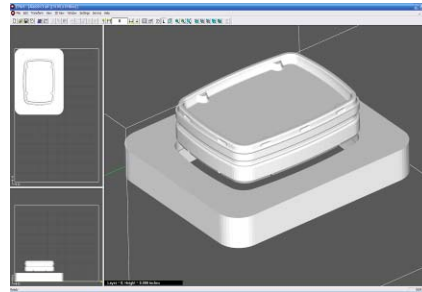
David Gordon
Aladdin Temp-Rite



Create hundreds of production quality plastic parts, with real rapid tooling technology in just one day and at a cost less than 200 dollars. The savings are staggering when considering long lead times and high costs for outsourcing metal tooling.

ZCorp/xlaFORM composite tooling allows for early design cycle testing of any thermoformed product or even an entire product line. It's also quicker and more cost effective than much higher priced plastic based FDM prototyping systems.

Harness the rapid tooling potential of your ZCorp 3D Printer with xlaFORM.



CAD DATA

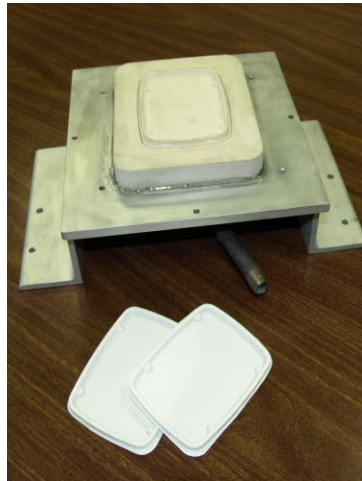


xlaFORM INFUSER



ZCORP 3D PRINTER

8 HOURS FROM CAD DATA TO PLASTIC PARTS



SINGLE PART LAB FORMER



PRODUCTION TOOLING

xlaFORM

"Your Automated Infiltration Solution"

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