

# Specifications of U-2D Micro Sample Management System - Tech Information

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The U-2D™ Micro-Sample Management System is designed to match the standard ANSI/SLAS 96-well plate footprint, making it easy to integrate into existing lab equipment such as autosamplers, centrifuges, and robotic systems.

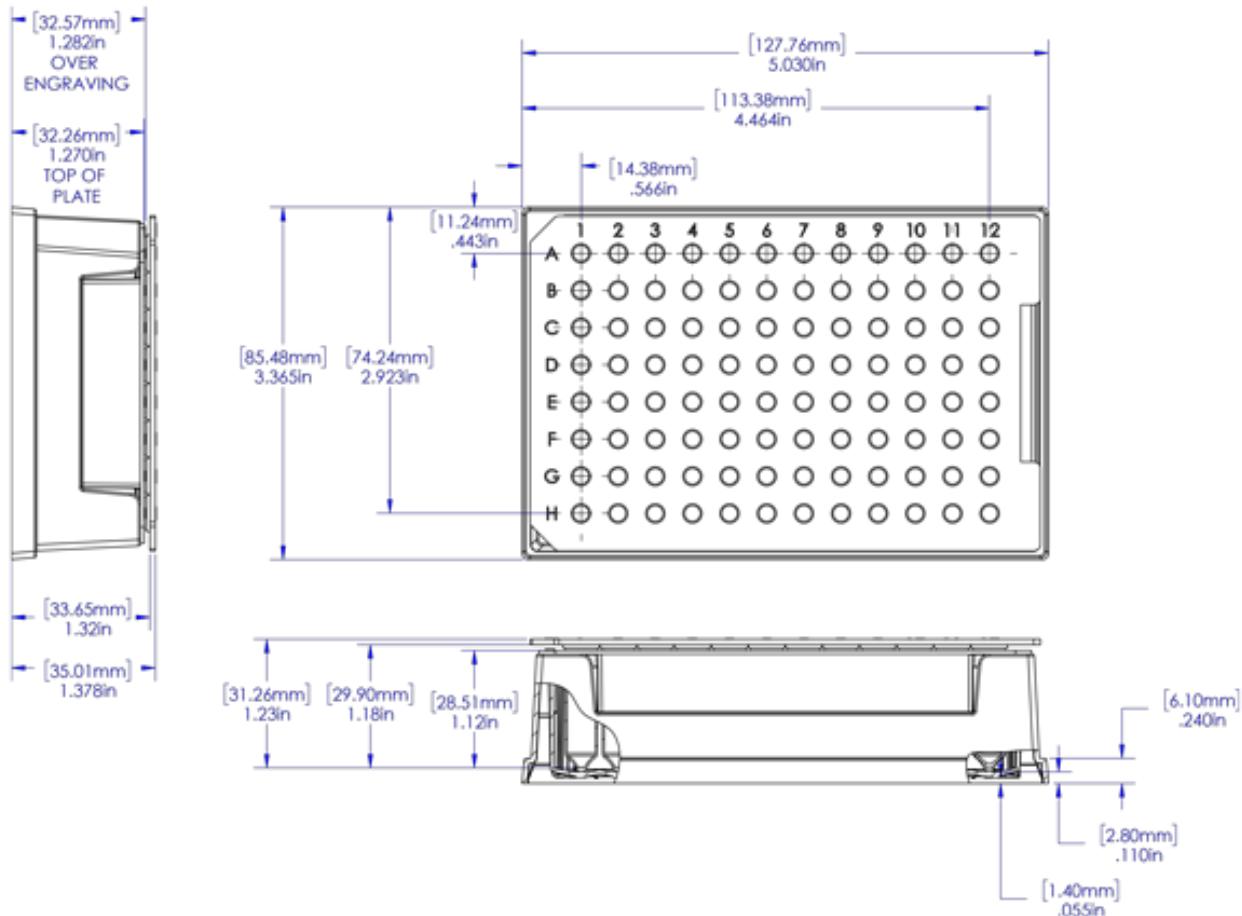
Below are the dimension drawings for the three available insert volumes:

## 350 $\mu$ L & 500 $\mu$ L Glass Inserts for the U-2D Systems

These two formats share the same external dimensions and are ideal for low-volume workflows where sample conservation is critical.

 Click [HERE](#) to download the 350  $\mu\text{L}$  & 500  $\mu\text{L}$  system drawings (PDF)

## **!350ul & 500ul dimension drawing for U-2D system**

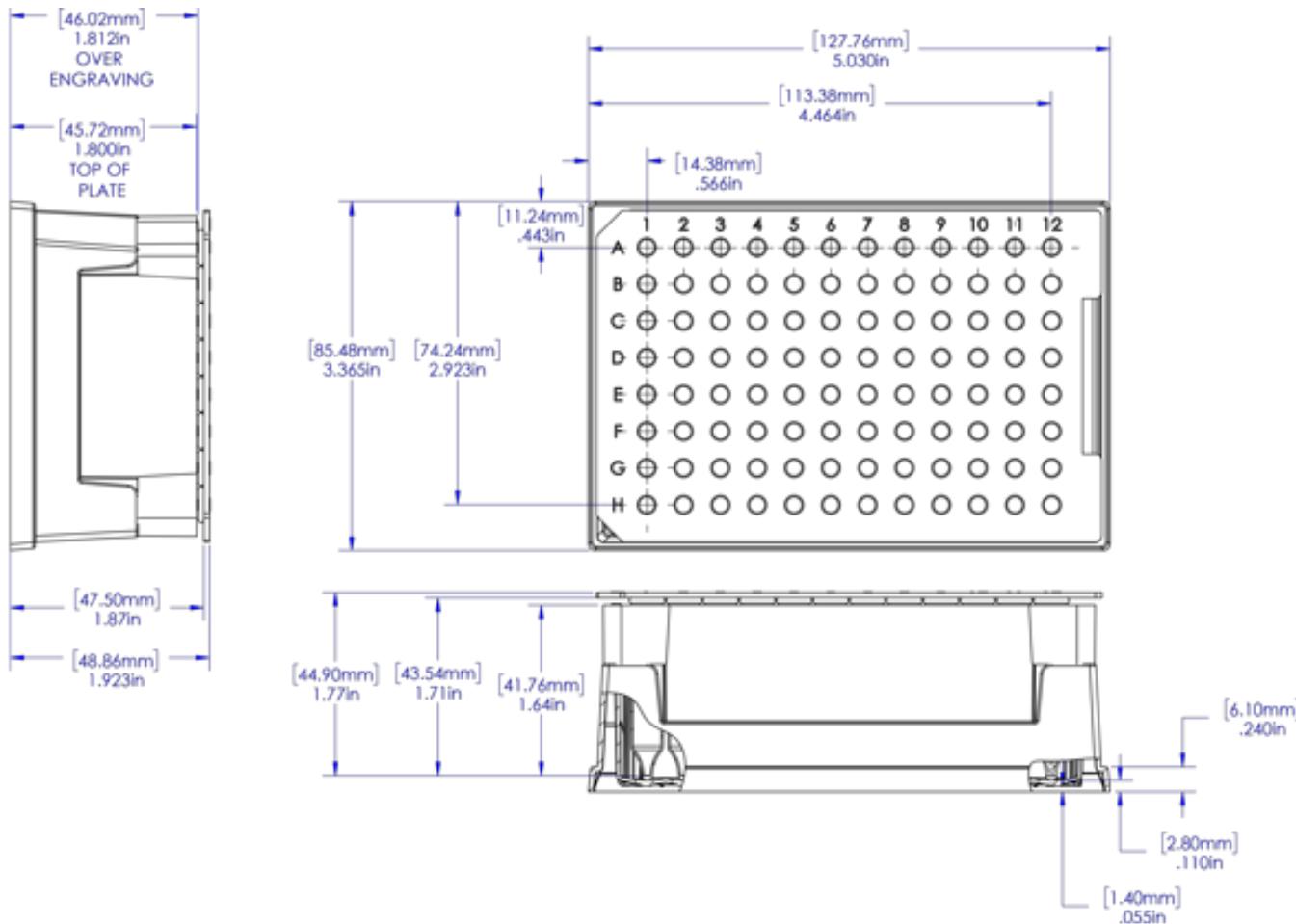


## 1,000 $\mu$ L Glass Insert for the U-2D System

This format offers higher capacity while maintaining compatibility with ANSI 96-well plate standards.

 Click [HERE](#) to download the 1,000  $\mu$ L system drawings (PDF)

### !1,000ul dimension drawing for U-2D system



### Why This Matters for Low-Volume Chemists

- Compatible with standard lab automation – no need for custom adapters or trays.
- Consistent footprint across volumes – simplifies method development and scaling.
- Ideal for micro-sample storage, prep, and transfer – especially in LC/MS workflows.
- Excellent to manage a range of sample volumes from 2  $\mu$ l to 1000  $\mu$ l.