



TOP INTERFACE

USER INSTRUCTIONS



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1 Description

The Top Interface works in conjunction with the Linear Connector 4-way (Part No. 3000024), providing fluidic connections to the top surface of glass microfluidic chips.

There are two types of top interface; the first (Part No. 3000109) is compatible with chips that are 4mm thick and 15mm wide and the second (Part No. 3000237) is compatible with chips that are 2.15mm thick and 15mm wide. This connection system provides fast and reliable connection between Dolomite chips and 1.6mm tubing.

A Linear Connector 12-way (Part No. 3000067) is also available to be used in conjunction with the connector.

2 Assembly instructions

1	<p>Assemble the Linear Connector (see 4-way; Part No. 3000024 or 12-way; Part No. 3000067 user guides)</p>	
2	<p>Preferably perform assembly in a clean room environment.</p> <p>Take chip and Top Interface (Part No. 3000109 in picture) and check they are clean.</p>	
3	<p>Push chip into holder, with the holes facing up.</p> <p>Evenly tighten the screws on the connector. Finger tightening will suitably seal the chip.</p> <p>Do not over tighten thumbscrews; this may lead to permanent damage to the chip.</p> <p>For best performance, filter all fluids before using them with any microfluidic devices.</p>	



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