



CHIP INTERFACE H

USER INSTRUCTIONS



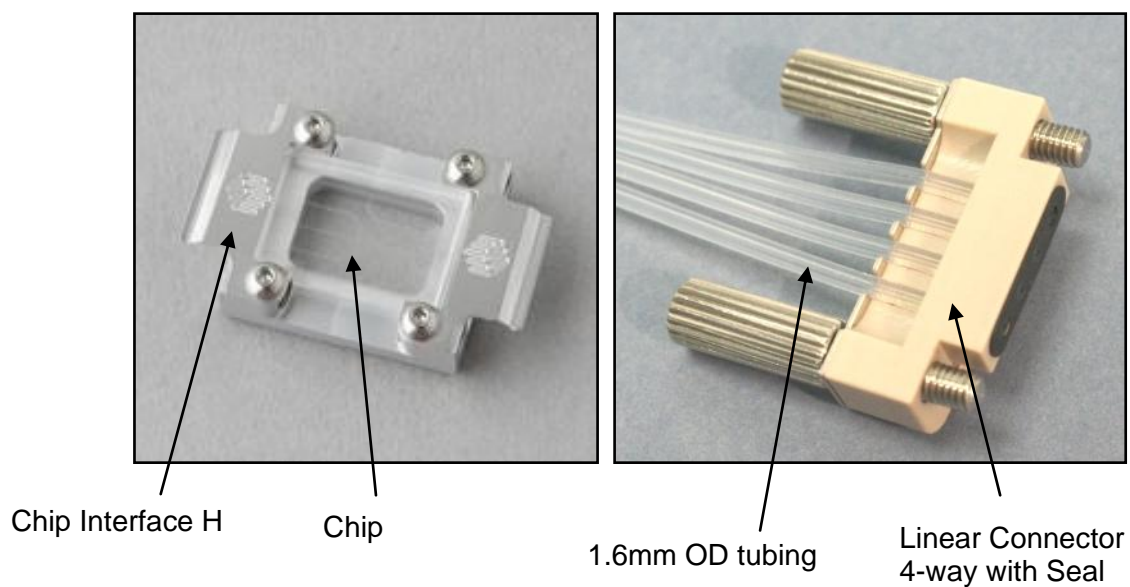
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1 Getting Started

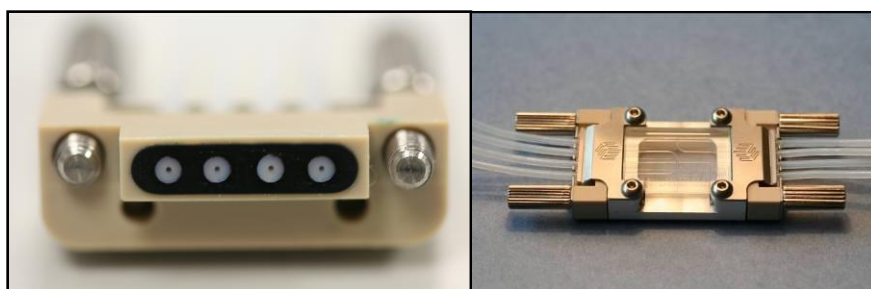
You will need the following:

- A chip compatible with the Chip Interface H (Part No. 3000155). E.g. the Droplet Junction Chip.
- Chip Interface H (Part No. 3000155)
- 2x Linear Connector 4-way with seal (Part No. 3000024)
- 8 lengths of 1.6mm OD tubing



2 Installation

1. Insert the lengths of tubing into the linear connectors. Ensure that the ends of the tubes have been neatly cut and are flush with the edge of the seal. Even if you are not using all the connections, tubes must be placed in each slot to form a good seal. An additional user guide on setting up Linear Connectors is available. See Linear Connector user guide.
2. It is a good idea to pump fluid through the tubes and connector prior to connection to the chip. This will ensure that any residual fluid or debris is removed from the tubing. Make sure the fluid being used is filtered or has a filter in-line to remove dust and debris that could block the chip.
3. Place the chip into the Chip Interface H and then connect the Linear Connectors. It is recommended that you tighten each connector a bit at a time until both connectors are finger tight. **Beware:** The chip will not be secure until both Linear Connectors have been fully tightened.



4. Start pumping. If you find any leaks on the chip, ensure the tubes are still flush with the edge of the seal and that all 8 tubes are fitted (even if not all of them are going to be used).

WARNING: IF THE CONNECTORS ARE LOOSE THE CHIP CAN FALL OUT OF THE HOLDER.



The Dolomite Centre Ltd.

Unit 1, Anglian Business Park, Royston,
Hertfordshire, SG8 5TW, United Kingdom

T: +44 (0)1763 242491

F: +44 (0)1763 246125

E: info@dolomite-microfluidics.com

W: www.dolomite-microfluidics.com

Dolomite Microfluidics

29 Albion Place
Charlestown, MA 02129

F: 617 848 1211

F: 617 500 0136

E: salesus@dolomite-microfluidics.com

W: www.dolomite-microfluidics.com