

Droplet Microfluidics Workstation



Carbide 3D Nomad CNC Router	
Tool Type: "Microfluidics Instrument"	
Location: "Microfluidics Lab"	
Supervisor	Tool Lead
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Description: "Droplet Microfluidics Workstation"	
Manufacturer: "Micronit, Fluigent, Zeiss"	

About

The Droplet Microfluidics Workstation comprises a Micronit chip holder, an assortment of Micronit droplet generation chips, syringe pumps, and Fluigent pressure driven flow components and an inverted microscope. Users can configure these tools to generate small liquid droplets.

We have the following Micronit droplet generators and chip holders in stock

- FC-PRO-CH4515, Fluidic Connect Pro w 4515IN Chip holder
- FC-FFDG.2.50_PACK, Focussed flow droplet generator chips
- FC_FFDG.2_PACK, Focussed flow droplet generator chips
- FC_TSDG.2_PACK, 3 T shaped droplet generator chips

Detailed Specifications

Safety Concerns

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Operating Procedures

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Reference Documentation

[nomad_feeds_and_speeds.pdf](#)

<https://docs.carbide3d.com/assembly/carbidemotion/userguide/>

Training Documentation

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<https://microfluidics.cnsi.ucsb.edu/wiki/> - Innovation Workshop Wiki

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