

# Droplet Microfluidics Workstation



<b>Droplet Workstation</b>	
<b>Tool Type:</b> "Microfluidics Instrument"	
<b>Location:</b> "Microfluidics Lab"	
<b>Supervisor</b>	<b>Tool Lead</b>
David Bothman	"WW Name"
(805) 893-4125	(###) ###-####
bothman@cnsi.ucsb.edu	"WW Email"
<b>Description:</b> "Droplet Microfluidics Workstation"	
<b>Manufacturer:</b> "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

Insert Text Here!

---

## Operating Procedures

Insert Text Here!

---

## Reference Documentation

[fluigent\\_350\\_man\\_001\\_a\\_frp\\_sfp\\_user\\_manual.pdf](#)

[fluigent\\_350\\_man\\_003\\_a\\_flow-rate\\_platform\\_user\\_manual.pdf](#)

[fluigent\\_350\\_ret\\_004\\_a\\_ess\\_user\\_manual.pdf](#)

[fluigent\\_350\\_ret\\_005\\_a\\_ess\\_control\\_user\\_manual.pdf](#)

[fluigent\\_354\\_man\\_001\\_a\\_user\\_manual\\_maesflo\\_v330.pdf](#)

[fluigent\\_droplet\\_junction\\_chips\\_product\\_datasheet.pdf](#)

[fluigent\\_mfcs-ez\\_user\\_manual\\_v130724.pdf](#)

[fluigent\\_stock.xlsx](#)

[microfluidic\\_droplet\\_generators\\_white\\_paper\\_v2\\_0.pdf](#)

[micronit\\_catalog\\_research\\_products\\_v3.9\\_lr.pdf](#)

[micronit\\_fc\\_pro\\_eis\\_quick\\_start\\_v1.1.pdf](#)

[micronit\\_fc\\_pro\\_ooc\\_4515\\_quick\\_start\\_v1.0.pdf](#)

[micronit\\_fc\\_pro\\_resealable\\_4515\\_quick\\_start\\_v2.0.pdf](#)

[micronit\\_fluidic\\_connect\\_pro.pdf](#)

[micronit\\_fluidic\\_connect\\_pro\\_quick\\_start\\_v1.2.pdf](#)

[micronit\\_fluidic\\_pro.pdf](#)[micronit\\_stock.xlsx](#)

[new\\_era\\_syringe\\_pump\\_ne-1000.pdf](#)

[reynolds\\_and\\_peclet\\_number\\_effects\\_in\\_folding\\_flow\\_mixers.pdf](#)

# Training Documentation

Insert Text Here!

---

From:

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

Permanent link:

[https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=droplet\\_workstation&rev=1625605996](https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=droplet_workstation&rev=1625605996)

Last update: **2021/07/06 21:13**

