



Opentrons Flex™ 1- and 8-Channel Pipettes



The Opentrons Flex 1- and 8- channel pipette offer accurate pipetting for various types of labware and modules. They are crucial for workflows that demand precise low-volume pipetting and organized sample handling.

- Highly accurate pipetting from 1 µL to 1000 µL
- Easily installable single and eight channel configurations
- Automated pipette calibration using real time positioning
- Mount any combination of two pipettes at one time

Product Description

The Opentrons Flex 1- and 8- channel pipettes ensure accurate pipetting into tubes, plates, and reservoirs. Available in high and low volume configurations to meet specific pipetting volume and accuracy demands. The design permits the mounting of any two pipettes onto the gantry with captive attachment screws. The 8-channel pipettes feature the ability to pick up a variable number of tips, enabling the execution of workflows in both 1- and 8-channel formats.

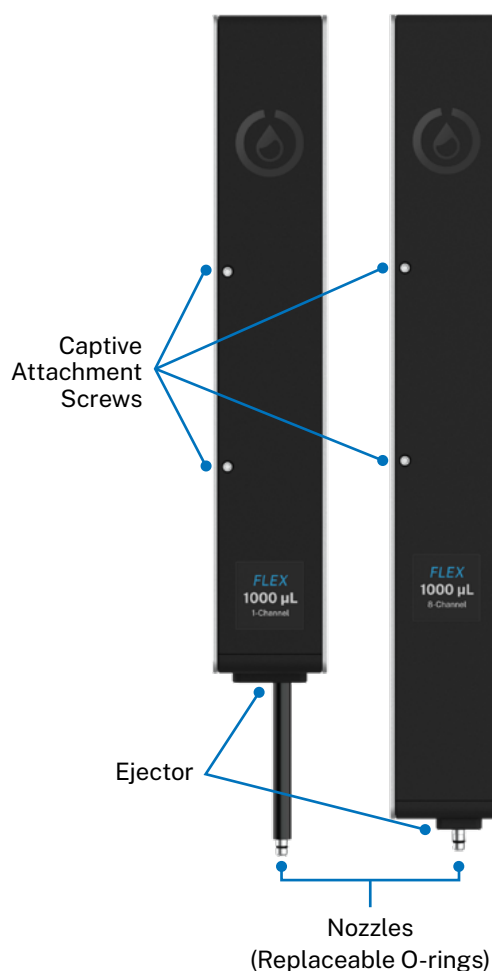
Specifications

Dimensions (LxWxH)	Flex 1-channel (1 - 50): 64 x 50 x 374.5 Flex 1-channel (5 - 1000): 64 x 50 x 374.5 Flex 8-channel (1 - 50): 95 x 50 x 374.5 Flex 8-channel (1 - 1000): 95 x 50 x 374.5
Weight	Flex 1-channel (1 - 50): 5.51 lbs / 2.5 kg Flex 1-channel (5 - 1000): 5.51 lbs / 2.5 kg Flex 8-channel (1 - 50): 7.05 lbs / 3.2 kg Flex 8-channel (1 - 1000): 7.05 lbs / 3.2 kg
Compatible Tips	50 µL, 200 µL, 1000 µL tips
Compatible Labware	All plates ,tubes, reservoirs, and modules
Sensors	<ul style="list-style-type: none"> • Pressure for liquid level detection • Capacitance for automated calibration • Optical for tip recognition

Accuracy and Precision

	Tip Size	Volume		Spec	
		Range	µL	% d	% CV
Flex 50 µl Single Channel Pipette	50 µl	1-50	1	8%	7%
	50 µl	1-50	10	1.50%	0.50%
	50 µl	1-50	50	1.25%	0.4%
	Tip Size	Volume		Spec	
		Range	µL	% d	% CV
Flex 1000 µl Single Channel Pipette	50 µl	5-50	5	5%	2.5%
	50 µl	5-50	50	0.5%	0.30%
	200 µl	5-200	200	0.5%	0.15%
	1000 µl	5-1000	1000	0.5%	0.15%
	Tip Size	Volume		Spec	
		Range	µL	% d	% CV
Flex 50 µl Multi Channel Pipette	50 µl	1-50	1	10%	8%
	50 µl	1-50	10	2.5%	1%
	50 µl	1-50	50	1.25%	0.6%
	Tip Size	Volume		Spec	
		Range	µL	% d	% CV
Flex 1000 µl Multi Channel Pipette	50 µl	5-50	5	8%	4%
	50 µl	5-50	50	2.5%	0.6%
	200 µl	5-200	200	1%	0.25%
	1000 µl	5-1000	1000	0.7%	0.15%

Pipette Components



NEED MORE INFORMATION?

- For general sales information, email info@opentrons.com
- For services and installation, email support@opentrons.com
- Want to speak to a sales rep? Call us between 9:00 AM - 6:00 PM EST.
Mon - Fri, +1 (908) 869-8907