

Quick Start Guide

AAW™ 1-Channel Pipette

99900248 50 µL

99900246 1000 µL



AAW™ 1-Channel Pipette

The AAW™ 1-Channel Pipette is an electronic pipette designed for the AAW™ Automated Assay Workstation (AAW™ Workstation) liquid handling robot.

User Guide

Read the AAW™ Workstation user guide before attempting to operate. It can be downloaded from the product page at SigmaAldrich.com. The user guide contains detailed information about this product, modules, and accessories.

Pipette Capacity

AAW™ 1-Channel Pipettes are available in 50 µL and 1000 µL sizes. The minimum/maximum volumetric capacities of each type are listed below.

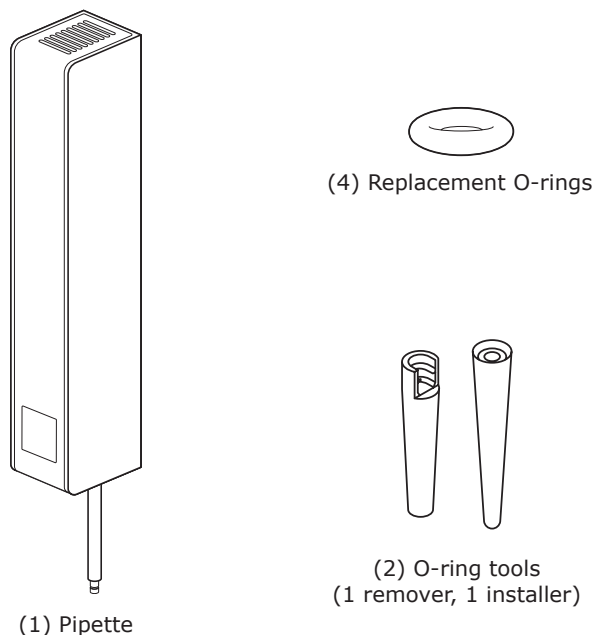
- 50 µL pipette: 1–50 µL
- 1000 µL pipette: 5–1000 µL

Tip Compatibility

AAW™ 1-Channel Pipettes are optimized for use with Flex 50 µL, 200 µL, and 1000 µL pipette tips. AAW™ Workstation pipettes are not recommended for use with tips from other manufacturers. For more information, see the System Description and Labware chapters in the AAW™ Workstation User Guide.

Purchase Flex pipette tips at SigmaAldrich.com.

Box Contents



Installation

For assistance with installation, contact SigmaAldrich.com/TechService.

Attach

Instructions on the touchscreen, or in the Opentrons App, will guide you through the attachment process. On the touchscreen, tap **Instruments** and then tap an empty mount. To attach your pipette:

1. Clear the deck area so it is free from obstructions. The gantry will move during the installation process.
2. Connect the pipette to the left or right mount on the gantry. To attach, align the mounting holes on the back of the pipette with the pins on the gantry.
3. Secure the pipette by tightening the two 2.5 mm mounting screws. These are captive screws recessed into holes located on the front of the pipette.

Calibrate

The pipette requires calibration before use. Instructions on the touchscreen, or in the Opentrons App, will guide you through the calibration process.

To calibrate your pipette:

1. Clear the deck area so it is free from obstructions. The gantry and pipette will move during calibration.
2. Attach the calibration probe to the pipette and start the automated calibration procedure.
3. Remove and store the probe when calibration is complete. Your pipette is ready for use.

Clean

Clean the outside of the pipette with a soft cloth and isopropyl alcohol or ethyl alcohol. Do not use acetone or other aggressive solvents. For more cleaning and decontamination information, see the Pipette Cleaning section in the AAW™ Workstation User Guide.

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