



Perfect Pipetting, Simplified

Pipette Product Guide



Fixed volume micropipettes



Variable volume single-channel pipettes

Selecting the right pipette* is essential for achieving accuracy and efficiency in any laboratory. Whether you're performing routine tasks, serial dilutions, or specialized analyses, the right tool makes all the difference. This guide breaks down the key types of pipettes—single volume, limited adjustment, and fully adjustable—so you can quickly identify the best fit for your workflow. Discover how each pipette type supports precision, flexibility, and contamination control, and explore Hach's trusted solutions designed to streamline your lab work.

- **Single Volume Pipettes:** Choose these for routine tasks where the same volume is needed every time. They are cost-effective and minimize user error but lack flexibility.
- **Limited Adjustment Pipettes:** Useful for tasks like serial dilutions where you need a few preset volumes. They offer a balance between flexibility and speed, especially for repetitive workflows.
- **Fully Adjustable Pipettes:** Best for labs needing to dispense a variety of volumes. They offer maximum flexibility but require careful handling and are more expensive.

Available Fixed Volume Micropipettes*:

PN	Description
2946001	Fixed Volume, Micropipette, 5 µL
2946003	Fixed Volume, Micropipette, 20 µL
2946006	Fixed Volume, Micropipette, 100 µL
2946009	Fixed Volume, Micropipette, 500 µL
2946010	Fixed volume, Micropipette, 1000 µL
2946008	Fixed Volume, Micropipette, 250 µL
2946002	Fixed Volume, Micropipette, 10 µL
2946005	Fixed Volume, Micropipette, 50 µL
2946007	Fixed Volume, Micropipette, 200 µL
2948700	Pipet Tips, 5 ul - 200 ul Capacity, 1000/Pk
2948710	Pipet Tips, 5µl Capacity, 10/pk
2511900	Pipette Tips, 250 µL - 1000 µL Capacity, 1000/pk

Hach's variable volume single-channel pipettes*

Item Number	Description
BBP078	Variable Pipette 0.1 - 1.0 mL
BBP065	Variable Pipette 1.0 - 5.0 mL
LZP320	Set of 2 pipettes, variable volume, includes tips
BBP079	Pipette Tips for BBP078, 100/pk
BBP068	Pipette Tips for BBP065, 75/pk

*"Pipet" and "Pipette" refer to the same devices and are interchangeable.



TenSette® Pipet

TenSette® Limited Adjustment Pipets*

are made to make routine lab work faster, cleaner, and more precise. Here is what sets them apart:

- Precision Dispensing**

TenSette® pipets deliver multiple liquid volumes with high accuracy—perfect for analytical chemistry and water testing.

- Time-Saving Design**

TenSette® dispensing in fixed dispensing in set increments (0.1 mL or 1.0 mL) speeds up repetitive pipetting tasks.

- Reduced Cleanup**

TenSette® disposable tips eliminate the need for washing glassware, minimizing contamination, and saving time.

- Compatibility with Hach Standards**

TenSette® pipets were specifically designed to work with Hach's Voluette® and PourRite® standards, making them ideal for standard additions and accuracy checks.

- Reliable Construction**

Built for durability and consistent performance, especially in field or industrial lab settings.

- Consistent Sample Handling**

Whether transferring samples or reagents, pipettes ensure consistency across tests, which is key for reliable data.

- Serial Dilutions & Solution Prep**

Pipettes make it easy to perform serial dilutions and prepare standard solutions—both common tasks in analytical labs.

TenSette® pipets are especially popular in environmental testing, water quality labs, and any setting where precision and speed matter. If you are working with Hach reagents or instruments, TenSette® pipets are tailor-made for your workflow.

TenSette® Pipets*:

PN	Description
1970001	TenSette® Pipet, 0.1-1.0 mL
1970010	TenSette® Pipet, 1.0-10 mL
2185628	Pipet Tips, for TenSette® Pipet 1970001, 0.1-1.0 mL, pack of 1000
2185696	Pipet Tips, for TenSette® Pipet 1970001, 0.1-1.0 mL, pack of 50
2199796	Pipet Tips, for TenSette® Pipet 1970010, 1.0-10.0 mL, non-sterile, pk/50
2558996	Pipet Tips, for TenSette® Pipet 1970010, Sterile, 1.0-10.0 mL, pk/50
2199725	Pipet Tips, for TenSette Pipet 1970010, 1.0-10.0 mL, non-sterile, pk/250



PourRite and Voluette Standards

Pipette* Selection Guidance:

Pipette Type	Advantages	Disadvantages
Single Volume Pipets	• Good when you need to pipette the same volume of a sample or reagent on a regular basis. • Disposable pipet tips prevent cross-contamination • Typically, least expensive option • No errors in volume setting	• No flexibility – locked to dispense one volume
Limited Adjustment Pipets (Hach TenSette®)	• More flexible than a single volume pipet • Good for serial dilutions • Speed up repetitive pipetting tasks • Disposable pipet tips prevent cross-contamination	• Not as flexible as a fully adjustable pipet • Variable volume but dispense only in fixed increments
Single Channel, Fully Adjustable Pipets	• Most flexible when different volumes need to be dispensed (e.g., serial dilutions) • Ideal for use with Hach TNTPlus® products • Also good for general lab work where flexibility is required. • Disposable pipet tips prevent cross-contamination	• Most expensive • Require careful volume setting to avoid errors. • Require proper dispensing to avoid errors

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World Headquarters: Loveland, Colorado USA | hach.com

United States 800-227-4224 fax: 970-669-2932 email: orders@hach.com
Outside United States 970-669-3050 fax: 970-461-3939 email: intl@hach.com

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