

The Best Tips for Your Best Results

Agilent Automation Solutions consumables: pipette tips



Tools that deliver confidence in measurement

Agilent Certified Pipette Tips, working together with Agilent automation instruments, function reliably and predictably in all your experiments.

They have been designed and are validated to provide:

- Optimal performance
- Accurate results
- Maximum uptime

In combination with our comprehensive application, technical, and hardware support, Agilent offers the highest quality automation solutions available.










Agilent Bravo Liquid Handlers and Certified Pipette Tips work together to deliver optimal performance.

Why use Agilent Pipette Tips?

Automation workflows require the use of high quality pipette tips to ensure consistency and accuracy within an experiment. Ultimately, inaccurate pipetting can cause experimental errors such as missed targets. We highly recommend the use of only Agilent Pipette Tips on the Bravo platform to ensure consistent results. Agilent's proprietary tips undergo complete QC and functional performance testing for each lot that is produced ensuring consistency and reproducibility in your workflow.

Superior performance comes from superior quality

Agilent Pipette Tips are manufactured in a tightly controlled environment (ISO 9001 registered and audited) and are subjected to rigorous testing procedures and to meet performance standards. The complete list of all QC tests that are performed for each lot of our pipette tips are:

-  Certified free to detectable DNase and RNase nuclease activity
-  Certified free of endotoxin (pyrogen) contamination
-  Certified free of adenosine triphosphate (ATP)
-  Certified free of human DNA
-  Certified free of protease activity
-  Certified free of heavy metals
-  Certified as sterile with a sterility assurance level (SAL) of 10^{-6}

Boost productivity and improve results

Agilent Pipette Tips are available in a wide range of sizes and configurations in order to meet a variety of experimental needs. They are created with innovative processing and packaging that reduce static buildup and improve deck space utilization. Regardless of your application, you can be sure that Agilent offers pipette tips or rack configurations specifically designed for your requirements and all the Bravo heads.

Select the best Agilent Pipette Tips and rack configurations for your application.

Sterile tips

Agilent Sterile Pipette Tips are designed for sensitive biological applications, such as working with cells, DNA, or RNA. They have been irradiated and packaged to prevent contamination.



Sterile pipette tip rack packaging.

Filtered tips

Agilent Filtered Pipette Tips are recommended for PCR, NGS, cell biology, and molecular biology applications. They create an effective barrier by using an integrated filter that protects the pipette shaft from aerosols and liquid contaminants. In addition, they significantly reduce errors caused by carryover contamination between microplate wells.



Filtered tips are available in several sizes.

Wide bore

Agilent Wide Bore Pipette Tips are specifically designed for transferring viscous liquids, fragile cells, DNA, and samples containing large particles or beads. These pipette tips have an orifice that is larger than a standard tip of the same volume.

Agilent Pipette Tip Orifice Comparison	
Pipette Tip	Orifice Diameter
70 μ L Standard	0.36 mm (0.014 in)
70 μ L Wide Bore	0.78 mm (0.031 in)
250 μ L Standard	0.61 mm (0.024 in)
250 μ L Wide Bore	1.52 mm (0.060 in)

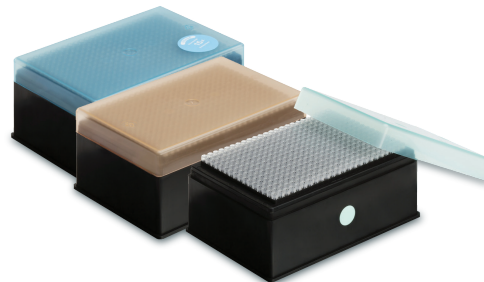


Comparison between a standard 250 μ L tip with 0.61 mm (0.024 in) opening (upper) and a wide bore tip with a 1.52 mm (0.060 in) opening (lower).

Conductive racks

All pipette tips are susceptible to a static charge resulting from friction encountered during packaging, shipping, or storage in laboratory hotel racks. Tips may be repelled or attracted to surrounding materials, such as the rack above or below. This can lead to a missed tip during pipetting, or a tip mounted at an angle that interferes with liquid dispensing or collection, potentially causing the pipette head to crash.

Agilent's conductive racks include a resin that alleviates the buildup of static charge, delivering reliable results and worry-free walkaway time.



Agilent conductive racks include a resin that alleviates the buildup of static charge.

Nested tips
















Agilent nested pipette tip rack configurations reduce waste and increase free deck space by allowing up to three times as many tips to be stored on the deck and in stacker racks. These pipette racks are shorter and lack lids to reduce plastic waste, an important consideration when handling hazardous materials.










All nested tips are packaged in conductive tip racks to reduce static charge buildup.



Fifteen nested pipette-tip racks require the same amount of space as five standard pipette-tip racks for the same size tips.

Agilent Automation Solutions pipette tip selection guide

	Description	Part Number	Volume Range (µL)	Bravo Head	Microplate Access
	Agilent 10 µL Pipette Tip Racks				
	10 µL Tips, 384 in rack, case of 50	10734-202	0.3 to 10	96ST, 384ST	96, 384, 1536
	10 µL Tips, Sterile, 384 in rack, case of 50	10734-212	0.3 to 10	96ST, 384ST	96, 384, 1536
	10 µL Tips, Conductive, 384 in rack, case of 50	10734-302	0.3 to 10	96ST, 384ST	96, 384, 1536
	10 µL Tips, Nested, Conductive, 384 in rack, case of 90	21740-202	0.3 to 10	96ST, 384ST	96, 384, 1536
	10 µL Tips, Sterile, Conductive, 384 in rack, case of 50	10734-312	0.3 to 10	96ST, 384ST	96, 384, 1536
	10 µL Tips, Nested, Sterile, Conductive, 384 in rack, case of 90	21740-212	0.3 to 10	96ST, 384ST	96, 384, 1536
	Agilent 30 µL Pipette Tip Racks				
	30 µL Tips, 384 in rack, case of 50	11484-202	0.5 to 30	96ST, 384ST	96, 384, 1536
	30 µL Tips, Sterile, 384 in rack, case of 50	11484-212	0.5 to 30	96ST, 384ST	96, 384, 1536
	30 µL Tips, Conductive, 384 in rack, case of 50	11484-302	0.5 to 30	96ST, 384ST	96, 384, 1536
	30 µL Tips, Nested, Conductive, 384 in rack, case of 90	21750-202	0.5 to 30	96ST, 384ST	96, 384, 1536
	30 µL Tips, Sterile, Conductive, 384 in rack, case of 50	11484-312	0.5 to 30	96ST, 384ST	96, 384, 1536
	30 µL Tips, Nested, Sterile, Conductive, 384 in rack, case of 90	21750-212	0.5 to 30	96ST, 384ST	96, 384, 1536
	30 µL Tips, Sterile, Filtered, Conductive, 384 in rack, case of 50	11484-322	0.5 to 15	96ST, 384ST	96, 384, 1536

	Description	Part Number	Volume Range (µL)	Bravo Head	Microplate Access
	Agilent 70 µL Pipette Tip Racks				
	70 µL Tips, 384 in rack, case of 50	19133-102	0.75 to 70	96ST, 384ST	96, 384
	70 µL Tips, Sterile, 384 in rack, case of 50	19133-112	0.75 to 70	96ST, 384ST	96, 384
	70 µL Tips, Conductive, 384 in rack, case of 50	19133-202	0.75 to 70	96ST, 384ST	96, 384
	70 µL Tips, Sterile, Conductive, 384 in rack, case of 50	19133-212	0.75 to 70	96ST, 384ST	96, 384
	70 µL Tips, Sterile, Filtered, Conductive, 384 in rack, case of 50	19133-142	0.75 to 50	96ST, 384ST	96, 384
	70 µL Tips, Wide Bore, Sterile, Conductive, 384 in rack, case of 50	19134-012	2.0 to 70	96ST, 384ST	96 only
	70 µL Tips, Wide Bore, Conductive, 384 in rack, case of 50	19134-002	2.0 to 70	96ST, 384ST	96 only
	70 µL Tips, Wide Bore, Filtered, Sterile, Conductive, 384 in rack, case of 50	19134-022	2.0 to 50	96ST, 384ST	96 only
	Agilent 250 µL Pipette Tip Racks				
	250 µL Tips, 96 in rack, case of 50	19477-002	2.0 to 250	96LT	96, 384
	250 µL Tips, Sterile, 96 in rack, case of 50	19477-012	2.0 to 250	96LT	96, 384
	250 µL Tips, Filtered, Sterile, 96 in rack, case of 50	19477-022	2.0 to 180	96LT	96, 384
	250 µL Tips, Wide Bore, 96 in rack, case of 50	19477-032	5.0 to 250	96LT	96 only
	250 µL Tips, Wide Bore, Sterile, 96 in rack, case of 50	19477-072	5.0 to 250	96LT	96 only
	250 µL Tips, Wide Bore, Filtered, Sterile, 96 in rack, case of 50	19477-082	5.0 to 180	96LT	96 only

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