

New 10 μ L
pipetting tools

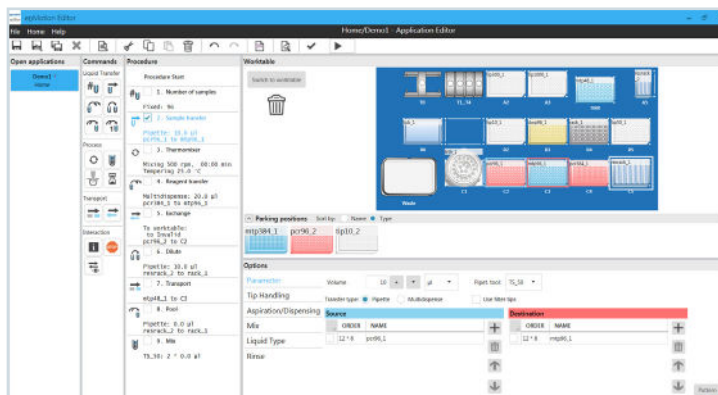


No Ordinary Volume

Introducing the new epMotion® 10 μ L pipetting tools



Improve your accuracy and precision in volumes from 200 nL–10 μ L



Enhanced epBlue™ software expands functionality and versatility while maintaining ease-of-use

See What You Can Accomplish

Equip your Eppendorf epMotion liquid handling workstation with the new low-volume pipetting tools. The 2 new tools and 7 new tip versions expand the volume range of the epMotion to 200 nL–1000 μ L.

Conserve precious samples and save on reagent costs by minimizing your reaction volumes with the increased accuracy and precision below 1 μ L.

Improve your workflows for:

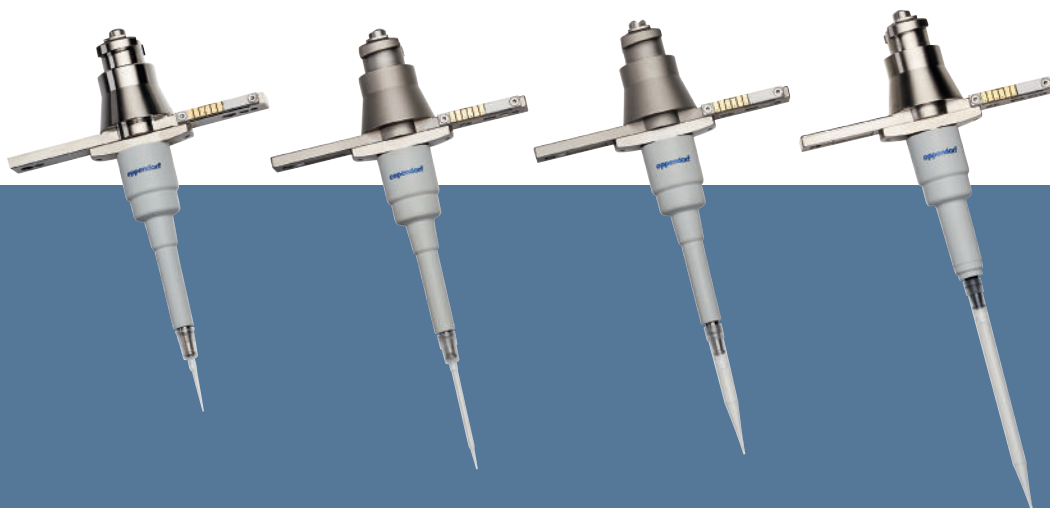
- > Next Generation Sequencing
- > PCR
- > Enzymatic assays
- > Cell seeding
- > Flow cytometry
- > Drug screening
- > Serial dilutions

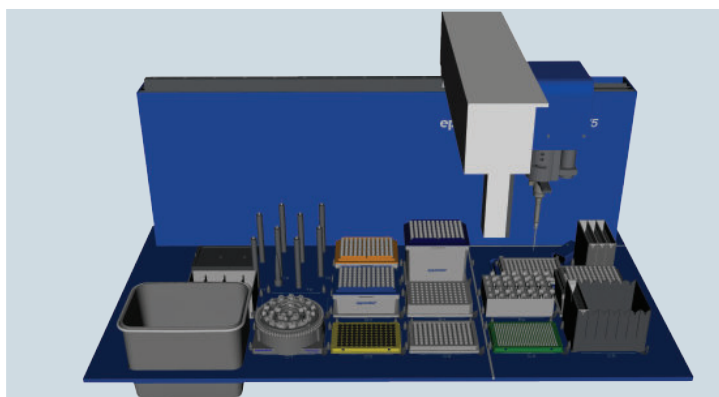
Low-volume tools can offer numerous benefits such as:

- > Improved accuracy and precision in the range of 1–10 μ L
- > High accuracy at volumes below 1 μ L improves reproducibility of sensitive assays
- > Increase cost savings for expensive reagents by eliminating the need for dilutions
- > Allow more efficient use of rare samples due to small volume option
- > Get more application flexibility with the epMotion due to new tools and software features
- > 7 new tip options that come in a variety of purity grades in both filtered and unfiltered versions

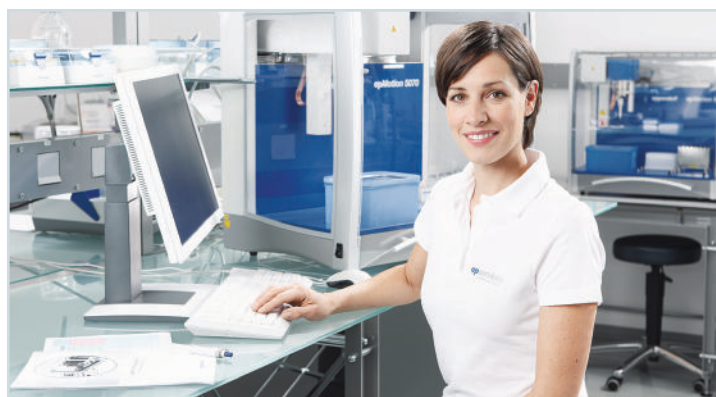
Learn more today:

www.eppendorf.com/automation





Improved 3D run simulator with color coded labware that helps optimize protocols



A hardware upgrade can improve the versatility of your epMotion 5075

New Software Capabilities

The new 40.5 epBlue version has many added features and improvements that make the epMotion liquid handling workstation more versatile while maintaining ease of use. Besides expanding the liquid handling range of the epMotion, the 40.5 epBlue software adds the following functions to your system:

- > Height teaching—You can now define the minimum aspiration height of your labware improving applications such as magnetic bead based cleanups and plate spotting
- > Contact dispensing—This new dispensing mode allows you to dispense liquids in contact with wet and dry surfaces maximizing accuracy at low volumes
- > Write methods using unlimited pipetting tool combinations—User-intervention now allows for use of more tools than the on-deck tool capacity of the epMotion to increase method versatility
- > Unlimited park positions allow for more diverse protocols and applications
- > Expanded tip handling options allow for dipping of tips after aspiration or dispensing allowing for more accurate pipetting of viscous liquids

epMotion Legacy Upgrade

The epMotion 5075 legacy system upgrade (sn<4000) transforms your workstation into the most current generation adding all of the benefits that a brand new unit has to offer:

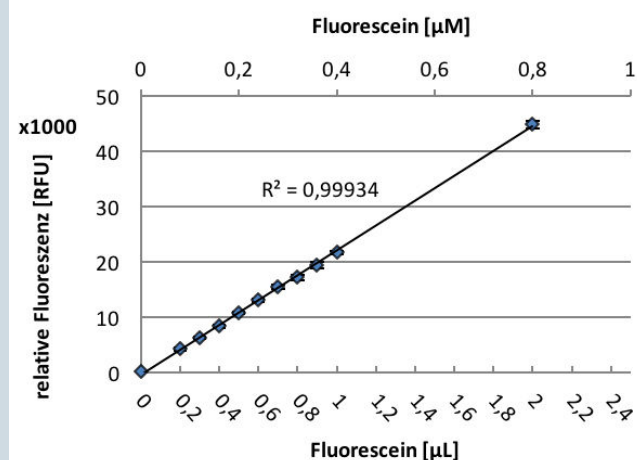
- > More deck positions for variants 5075l (+3) and 5075t (+2.5)
- > Increased number of possible thermal modules for 5075t (+1), 5075v (+1), and 5075vt (+2)
- > 30 % faster arm movement for shorter run times
- > Pierce command—Allows for piercing a foil sealed plate with a single channel tool
- > Dip Tip—Allows dipping of the tip into the target vessel in order to remove any hanging drops after dispensing
- > Copy/Paste commands—Copy commands and labware from one application to the other
- > Allows for the use of the 10 μ L pipetting tools and all the related software features
- > Upgrades the control PC to a Windows® 7 based system and adds all of the advantages of the new software
- > 1-year extended manufacturer's warranty for the upgraded system



"The new 10 µL dispensing tool is an excellent addition to the multitude of dispensing tools already available for the epMotion. The tool is highly accurate at very low volumes and will pay for itself in no time as the new lower limits of the tool allow for a reduction in expensive reagents without sacrificing precision.

We are currently using this tool for low volume qPCR set-up and it is working very well. The new epBlue software update to version 40.5 added all the features on my wish list. I can now make more precise and complicated methods using these additional functions and it still maintains the user-friendliness that makes the epBlue software so accessible to everybody in the lab."

April Cockburn,
University of Michigan Medical School, USA



Dosing performance of single-channel 10 µL dispensing tool for H₂O measured by fluorescence spectroscopy (485 nm, 535 nm). Different volumes of 10 µM fluorescein in H₂O were transferred to a final volume of 25 µL H₂O. Standard errors of n=20 repeats are indicated as error bars.

Ordering information

Description	Catalog No.
New low volume tools	
TS 10 single-channel dispensing tool, 200 nL–10 µL	5280000100
TM 10-8 eight-channel dispensing tool, 200 nL–10 µL	5280000304
New tips	
epT.I.P.S.® Motion pipette tips, without filter, 10 µL, volume range 0.2–10 µL, 10 x 96 tips in racks	0030014383
epT.I.P.S.® Motion pipette tips, with filter, PCR clean ¹ , 10 µL, volume range 0.2–10 µL, 10 x 96 tips in racks	0030014391
epT.I.P.S.® Motion pipette tips, without filter, sterile ² , 10 µL, volume range 0.2–10 µL, 10 x 96 tips	0030015185
epT.I.P.S.® Motion pipette tips, with filter, PCR clean ¹ , sterile ² , 10 µL, volume range 0.2–10 µL, 10 x 96 tips in racks	0030015193
epT.I.P.S.® Motion pipette tips, Reload, without filter, 10 µL, volume range 0.2–10 µL, 24 x 96 tips	0030014545
epT.I.P.S.® Motion pipette tips, Reload, with filter, PCR clean ¹ , 10 µL, volume range 0.2–10 µL, 24 x 96 tips	0030014553
epT.I.P.S.® Motion pipette tips, Reload, with filter, PCR clean ¹ , sterile ² , 10 µL, volume range 0.2–10 µL, 24 x 96 tips	0030014561
New reservoirs	
epMotion® reservoir 10 mL, for use in epMotion® Reservoir Racks, 10 x 5 pcs. in bags, PCR clean ¹	0030126521
Reservoir Rack module TC 10 mL, for use in epMotion® Reservoir Racks, temperable, 1 x reservoir 10 mL	5075799421
Upgrade	
epMotion® 5075 software and hardware upgrade for serial number 1000–4000. (Not include 1 of 4 required extension plates)	5075000709

¹ PCR clean: Batch-certified free from DNA, DNase, RNase, and PCR inhibitors.

² Sterile: Batch-certified sterile and pyrogen-free.

Your local distributor: www.eppendorf.com/contact
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