

VWR[®] MECHANICAL PIPETTORS

Outstanding Precision
and Accuracy

Exclusive Volume
Lock Mechanism

Starter Kits
Available



VWR® MECHANICAL PIPETTORS

NEW VWR Mechanical Pipettors are lightweight and specifically designed for user comfort. Low pipetting forces enable a unique pipetting experience and precise, reproducible results.

- High performance with outstanding precision and accuracy
- Exclusive volume lock mechanism
- Lightweight
- Low pipetting forces
- Fully autoclavable without disassembly (120 °C/0.1MPa/20 min) and UV resistant
- Can be used with universal tips
- Unique serial number



Designed for both right and left handed users, VWR Mechanical Pipettors feature a large ejector button that fits the user's hand perfectly, allowing for fatigue-free pipetting.

Only a single button is required to eject and secure volume settings, and an exclusive instant volume locking system prevents accidental volume changes while in use.

One-handed operation is efficient and simple — pull up the ejection button, adjust the volume using the push button, then simply lock the pipettor by pushing the ejection button back down.

User-facing counter makes reading and adjusting digits easy — the volume is always visible while pipetting.

Easy to maintain, VWR pipettors offer high chemical compatibility and allow for intuitive, in-lab disassembly and maintenance.

Time saving, the multichannel pipettor mechanism has the same performance on each channel by handling multiple samples consistently. The 360° rotation feature allows multiple pipetting orientations.

STARTER KITS

Pipettor Starter Kits include multiple pipettor volumes. They can be equipped with either plastic or stainless steel tip ejectors (5mL and 10mL single-channel pipettors do not feature tip ejector).

Each starter kit includes:

- Multiple pipettor volumes
- 7-place carousel stand
- VWR® Pipet Tips
- Certificate of conformity
- Calibration key
- Quick-start guide
- Tip ejector extension (for 2 and 10µL single-channel models)

Description	Volume, µL	Car, Tips, µL	Cat. No.
3-Pipettor Kit	10, 100, 1000	10, 200, 1000	76169-262
3-Pipettor Kit	20, 200, 1000	200, 1000	76169-264
4-Pipettor Kit	10, 20, 200, 1000	10, 200, 1000	76169-266
5-Pipettor Kit	2, 10, 20, 200, 1000	10, 200, 1000	76169-268



		Maximum Permissible Errors					
		VWR Mechanical Pipettors			ISO 8655-2		
Size, μL	Volume Range, μL	Volume Systematic Error, μL	Random Error, μL	Random Error, μL	Systematic Error, μL	Random Error, μL	Cat. No.
Single-Channel							
2	0.2-2	0.2	± 0.026	≤ 0.013	± 0.08	≤ 0.04	76169-274
		1	± 0.030	≤ 0.014	± 0.08	≤ 0.04	
		2	± 0.033	≤ 0.015	± 0.08	≤ 0.04	
10	1-10	1	± 0.035	≤ 0.013	± 0.12	≤ 0.08	76169-232
		5	± 0.083	≤ 0.033	± 0.12	≤ 0.08	
		10	± 0.110	≤ 0.044	± 0.12	≤ 0.08	
20	2-20	2	± 0.11	≤ 0.033	± 0.2	≤ 0.1	76169-234
		10	± 0.12	≤ 0.055	± 0.2	≤ 0.1	
		20	± 0.20	≤ 0.66	± 0.2	≤ 0.1	
100	10-100	10	± 0.39	≤ 0.11	± 0.8	≤ 0.3	76169-236
		50	± 0.44	≤ 0.13	± 0.8	≤ 0.3	
		100	± 0.8	≤ 0.17	± 0.8	≤ 0.3	
200	20-200	20	± 0.55	≤ 0.22	± 1.6	≤ 0.6	76169-238
		100	± 0.88	≤ 0.28	± 1.6	≤ 0.6	
		200	± 1.60	≤ 0.33	± 1.6	≤ 0.6	
1000	100-1000	100	± 3.3	≤ 0.7	± 8.0	≤ 3.0	76169-240
		500	± 4.4	≤ 1.1	± 8.0	≤ 3.0	
		1000	± 8.0	≤ 1.7	± 8.0	≤ 3.0	
5000	500-5000	500	± 13	≤ 3.3	± 40	≤ 15.0	76169-242
		2500	± 17	≤ 5.5	± 40	≤ 15.0	
		5000	± 33	≤ 8.8	± 40	≤ 15.0	
10,000	1000-10,000	1000	± 33	≤ 6.6	± 60	≤ 30.0	76169-244
		5000	± 44	≤ 11.0	± 60	≤ 30.0	
		10,000	± 60	≤ 17.6	± 60	≤ 30.0	
8-Channel							
10	0.5-10	0.5	± 0.09	≤ 0.04	± 0.24	≤ 0.16	76169-246
		5	± 0.22	≤ 0.11	± 0.24	≤ 0.16	
		10	± 0.22	≤ 0.11	± 0.24	≤ 0.16	
20	2-20	2	± 0.11	≤ 0.09	± 0.4	≤ 0.2	76169-248
		10	± 0.22	≤ 0.11	± 0.4	≤ 0.2	
		20	± 0.40	≤ 0.17	± 0.4	≤ 0.2	
200	20-200	20	± 0.55	≤ 0.28	± 3.2	≤ 1.2	76169-250
		100	± 1.10	≤ 0.44	± 3.2	≤ 1.2	
		200	± 2.20	≤ 0.55	± 3.2	≤ 1.2	
300	20-300	20	± 1.10	≤ 0.39	± 8.0	≤ 3.0	76169-252
		150	± 1.65	≤ 0.66	± 8.0	≤ 3.0	
		300	± 3.30	≤ 1.10	± 8.0	≤ 3.0	
12-Channel							
10	0.5-10	0.5	± 0.09	≤ 0.04	± 0.24	≤ 0.16	76169-254
		5	± 0.22	≤ 0.11	± 0.24	≤ 0.16	
		10	± 0.22	≤ 0.11	± 0.24	≤ 0.16	
20	2-20	2	± 0.11	≤ 0.09	± 0.4	≤ 0.2	76169-256
		10	± 0.22	≤ 0.11	± 0.4	≤ 0.2	
		20	± 0.40	≤ 0.17	± 0.4	≤ 0.2	
200	20-200	20	± 0.55	≤ 0.28	± 3.2	≤ 1.2	76169-258
		100	± 1.10	≤ 0.44	± 3.2	≤ 1.2	
		200	± 2.20	≤ 0.55	± 3.2	≤ 1.2	
300	20-300	20	± 1.10	≤ 0.39	± 8.0	≤ 3.0	76169-260
		150	± 1.65	≤ 0.66	± 8.0	≤ 3.0	
		300	± 3.30	≤ 1.10	± 8.0	≤ 3.0	

