

Elegant

Micropipettes

ONE OF THE WORLD'S LIGHTEST PIPETTES

Abdos Life Sciences introduces fully autoclavable, ergonomically designed 'Elegant Micropipettes', which offer high accuracy and precision.

Elegant pipettes are ultra-lightweight and require light pipetting force, with soft volume adjustment & piston movement resulting in effortless & fatigue-free pipetting that helps to avoid repetitive strain injuries.

Each Elegant pipette is supplied with an individual test certificate and is calibrated in accordance with ISO8655



Light & smooth volume aspiration and dispensing

Pull and push one key volume lock

Four-digit display clearly reads volume setting and provides better incremental value

Lightweight, ergonomic, low-force design helps to avoid repetitive strain injuries

Chemical & UV-resistant body allows usability with various samples under UV cabinets

The filter element at the tip cone ensures contamination-free pipetting

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Single-channel Adjustable Volume Pipettes Specifications

Abdos Code	Volume Range	Increment	Test Volume (μ l)	Accuracy Error		Precision Error	
				%	μ l	%	μ l
E11150	0.1-2.5 μ l	0.002 μ l	2.5	$\pm$ 1.40%	$\pm$ 0.04	$\pm$ 0.70%	$\pm$ 0.02
			1.25	$\pm$ 2.50%	$\pm$ 0.03	$\pm$ 1.50%	$\pm$ 0.02
			0.25	$\pm$ 12.00%	$\pm$ 0.03	$\pm$ 6.00%	$\pm$ 0.02
E11151	0.5-10 μ l	0.1 μ l	10	$\pm$ 1.00%	$\pm$ 0.1	$\pm$ 0.40%	$\pm$ 0.04
			5	$\pm$ 1.50%	$\pm$ 0.08	$\pm$ 0.80%	$\pm$ 0.04
			1	$\pm$ 2.50%	$\pm$ 0.03	$\pm$ 1.80%	$\pm$ 0.02
E11152	2-20 μ l	0.02 μ l	20	$\pm$ 1.00%	$\pm$ 0.2	$\pm$ 0.30%	$\pm$ 0.06
			10	$\pm$ 1.20%	$\pm$ 0.12	$\pm$ 0.60%	$\pm$ 0.06
			2	$\pm$ 5.00%	$\pm$ 0.1	$\pm$ 1.50%	$\pm$ 0.03
E11153	10-100 μ l	0.1 μ l	100	$\pm$ 0.80%	$\pm$ 0.8	$\pm$ 0.20%	$\pm$ 0.2
			50	$\pm$ 1.00%	$\pm$ 0.5	$\pm$ 0.30%	$\pm$ 0.15
			10	$\pm$ 3.00%	$\pm$ 0.3	$\pm$ 1.00%	$\pm$ 0.1
E11154	20-200 μ l	0.2 μ l	200	$\pm$ 0.60%	$\pm$ 1.2	$\pm$ 0.20%	$\pm$ 0.4
			100	$\pm$ 1.00%	$\pm$ 1	$\pm$ 0.30%	$\pm$ 0.3
			20	$\pm$ 2.50%	$\pm$ 0.5	$\pm$ 0.70%	$\pm$ 0.14
E11155	30-300 μ l	0.2 μ l	1000	$\pm$ 0.60%	$\pm$ 1.8	$\pm$ 0.20%	$\pm$ 0.6
			500	$\pm$ 1.00%	$\pm$ 1.5	$\pm$ 0.30%	$\pm$ 0.45
			100	$\pm$ 2.50%	$\pm$ 0.75	$\pm$ 0.70%	$\pm$ 0.21
E11156	100-1000 μ l	1 μ l	1000	$\pm$ 0.60%	$\pm$ 6	$\pm$ 0.20%	$\pm$ 2
			500	$\pm$ 1.00%	$\pm$ 5	$\pm$ 0.20%	$\pm$ 1
			100	$\pm$ 3.00%	$\pm$ 3	$\pm$ 0.60%	$\pm$ 0.6
E11157	1000-5000 μ l	5 μ l	5000	$\pm$ 0.60%	$\pm$ 30	$\pm$ 0.20%	$\pm$ 10
			2500	$\pm$ 0.60%	$\pm$ 15	$\pm$ 0.30%	$\pm$ 7.5
			1000	$\pm$ 1.20%	$\pm$ 12	$\pm$ 0.30%	$\pm$ 3
E11158	2000-10000 μ l	10 μ l	10000	$\pm$ 0.60%	$\pm$ 60	$\pm$ 0.20%	$\pm$ 20
			5000	$\pm$ 0.80%	$\pm$ 40	$\pm$ 0.20%	$\pm$ 10
			2000	$\pm$ 1.50%	$\pm$ 30	$\pm$ 0.30%	$\pm$ 6



Elegant Starter Packs

Elegant Starter Pack comes in two variants that includes three micropipettes, compatible patented design Gen2 tips boxes, pipette stand, benchtop pipette hangers & Abdos sustainable initiative biodegradable pens and pencils.



Starter Pack Ordering Information

Product Code	Description	Inclusions
E11159	Elegant Starter Pack 01	E11151 (0.1-10µl Pipette) E11153 (10-100µl Pipette) E11156 (100-1000µl Pipette) P10139 (0.1-10µl Gen2 Tip Box) P10140 (1-200µl Gen2 Tip Box) P10109 (100-1000µl Gen2 Tip Box) P70201 (5 Place Linear Pipette Stand) Pipette Benchtop Hangers Abdos Biodegradable Pen & Pencil Set
E11160	Elegant Starter Pack 02	E11152 (2-20µl Pipette) E11154 (20-200µl Pipette) E11156 (100-1000µl Pipette) P10139 (0.1-10µl Gen2 Tip Box) P10140 (1-200µl Gen2 Tip Box) P10109 (100-1000µl Gen2 Tip Box) P70201 (5 Place Linear Pipette Stand) Pipette Benchtop Hangers Abdos Biodegradable Pen & Pencil Set

Elegant Micropipettes Avoid Repetitive Strain Injuries

Repetitive Stress Injury (RSI) is one of the most common incidences in laboratories, and studies have found that the risk of hand & shoulder discomfort increases significantly when laboratory workers pipet for more than 300 hours per year. RSI and fatigue are closely related to the ergonomics of the micropipette, weight, required pressure, and conducting repetitive laboratory processes.

Abdos ELeGant Pipettes are easy-to-hold and ergonomically designed to avoid RSI. The weight of the pipette is precisely managed, making it one of the **world's lightest pipettes**. It requires 20% lesser pressure on the plunger than other pipettes without compromising accuracy and precision. The new piston seal structure and metal screws achieve accurate pipetting, effectively reducing peak thumb force and applied forces.



Lightweight

Easy-to-hold

Ergonomically
Designed

What Abdos Life Sciences stands for?



Precision



Reliability



Responsiveness



Innovation



Sustainability



Relationships

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