

TECHNICAL DATA SHEET

Doc No – Ab/TDS/LH-34
Rev No: 02 Date- 05/2024-25

Abdos Labtech Pvt. Ltd. Elegant Single Channel Adjustable Volume Pipettes, PP

Elegant Single Channel Adjustable Volume Pipettes, PP

**Valid for Catalog No. E11150, E11151, E11152, E11153, E11154, E11155, E11156,
E11157, E11158**

SRN (Single Registration Number): IN-MF-000022272

1. Description/Specification

1.1 Description: Elegant Single Channel Adjustable Volume Pipettes, PP

- 1.1.1 Abdos Elegant pipettes are very accurate and gives desired results.
- 1.1.2 Abdos Elegant pipettes are lightweight, ergonomic, with low force design.
- 1.1.3 Volume settings can be clearly read through digital display with 4-digit counter.
- 1.1.4 Abdos Elegant pipettes are easy to calibrate & maintain with the tool supplied.
- 1.1.5 Abdos Elegant pipettes are designed to avoid repetitive strain injuries.
- 1.1.6 Abdos Elegant pipettes are supplied with operator manual that provides complete information on calibration & maintenance of the pipettes.
- 1.1.7 Abdos Elegant pipettes are suitable for transfer liquid volumes.
- 1.1.8 Matching universal style pipette tips, calibrated in accordance with ISO 8655. The quality control involves gravimetric testing of each pipette with distilled water at 22°C. Abdos introduces fully autoclavable, ergonomically designed elegant micropipettes which offers high level of accuracy and precision. All Elegant Pipettes have Chemical & UV Resistant Body.
- 1.1.9 Different colour caps(5pcs) available in each box. Tool is available to remove the Ejector cap.

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1.2 Design: Light weight & simple to use operation, Without Filter in E11150 & E11151

1.3 Performance Specifications: Push Button, Cap, Push Button Rod, Tip ejector, Grip cover, Handle, Display cover, Tip ejector collar, Tip cone, Volume setting, Filter element, Sealing & ejecting tips.

1.4 Material: PP (polypropylene)

1.5 Color: Body Off White

1.6 Basic Features

1.6.1 Made up of highly Virgin thermoplastic polypropylene.

1.6.2 CE certified

1.6.3 Chemical resistance: see website (www.abdoslifesciences.com)

1.7. Pipettes

Code	Colour	Filter	Capacity	No. Per Case
E11150	White	NO	0.1-2.5 µl	1
E11151	Light Grey	NO	0.5-10 µl	1
E11152	Yellow	YES	2-20 µl	1
E11153	Yellow	YES	10-100 µl	1
E11154	Orange	YES	20-200 µl	1
E11155	Red	YES	30-300 µl	1
E11156	Dark Blue	YES	100-1000 µl	1

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E11157	Purple	YES	500-5000 µl	1
E11158	Peacock Blue	YES	1000-10000 µl	1

1.8 Intended use: Widely used in scientific studies of molecular biology, clinical chemistry, biochemistry and any type of scientific laboratory.



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Abdos Elegant Single-channel Adjustable Volume Pipettes (9 models, covering 0.1µl–10ml.)							
Abdos Code	Volume Range	Increment	Test Volume (µl)	Accuracy error		Precision error	
				% (±)	µl (±)	% (±)	µl (±)
E11150	0.1-2.5 µl	0.002 µl	2.5 µl	1.4%	0.04	0.7%	0.02
			1.25 µl	2.5%	0.03	1.5%	0.02
			0.25 µl	12.0%	0.03	6.0%	0.02
E11151	0.5-10 µl	0.01 µl	10 µl	1.0%	0.10	0.4%	0.04
			5 µl	1.5%	0.08	0.8%	0.04
			1 µl	2.5%	0.03	1.8%	0.02
E11152	2-20 µl	0.02 µl	20 µl	1.0%	0.20	0.3%	0.06
			10 µl	1.2%	0.12	0.6%	0.06
			2 µl	5.0%	0.10	1.5%	0.03
E11153	10-100 µl	0.1 µl	100 µl	0.8%	0.80	0.2%	0.20
			50 µl	1.0%	0.50	0.3%	0.15
			10 µl	3.0%	0.30	1.0%	0.10
E11154	20-200 µl	0.2 µl	200 µl	0.6%	1.20	0.2%	0.40
			100 µl	1.0%	1.00	0.3%	0.30
			20 µl	2.5%	0.50	0.7%	0.14
E11155	30-300 µl	0.2 µl	300 µl	0.6%	1.80	0.2%	0.60
			150 µl	1.0%	1.50	0.3%	0.45
			30 µl	2.5%	0.75	0.7%	0.21
E11156	100-1000 µl	1 µl	1000 µl	0.6%	6.00	0.2%	2.00
			500 µl	1%	5.00	0.2%	1.00
			100 µl	3%	3.00	0.6%	0.60
E11157	1000-5000 µl	5 µl	5000 µl	0.6%	30.00	0.2%	10.00
			2500 µl	0.6%	15.00	0.3%	7.50
			1000 µl	1.2%	12.00	0.3%	3.00
E11158	2000-10000 µl	10 µl	10000 µl	0.6%	60.00	0.2%	20.00
			5000 µl	0.8%	40.00	0.2%	10.00
			2000 µl	1.5%	30.00	0.3%	6.00

Warranty: 12 months from the date of Installation or 15 months from the date of Invoicing

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Instruction for Use

Product can be used for food contact also.
Storage temp. Max 30°C
Before using the product check crackness etc.
Check all the information printed on pouches or boxes.
Always wear gloves while handling specimen.

WARNING

DO NOT store strong oxidizing agents.
DO NOT place any plastic labware in a flame.
DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure
Consult local fire codes prior to storage of flammable liquids.



Quality Manager
Abdos Labtech Private Limited
Employee Code 30110



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Elegant

Fully Autoclavable Micropipettes

Abdos introduces fully autoclavable, ergonomically designed Elegant micropipettes which offers high level of accuracy and precision. All Elegant Pipettes have Chemical & UV Resistant Body.

One of The
World's
Lightest
Pipette



Lightweight, Ergonomic,
Low force design



“NEW ADDITION”



Volume Lock



4 Digit Counter



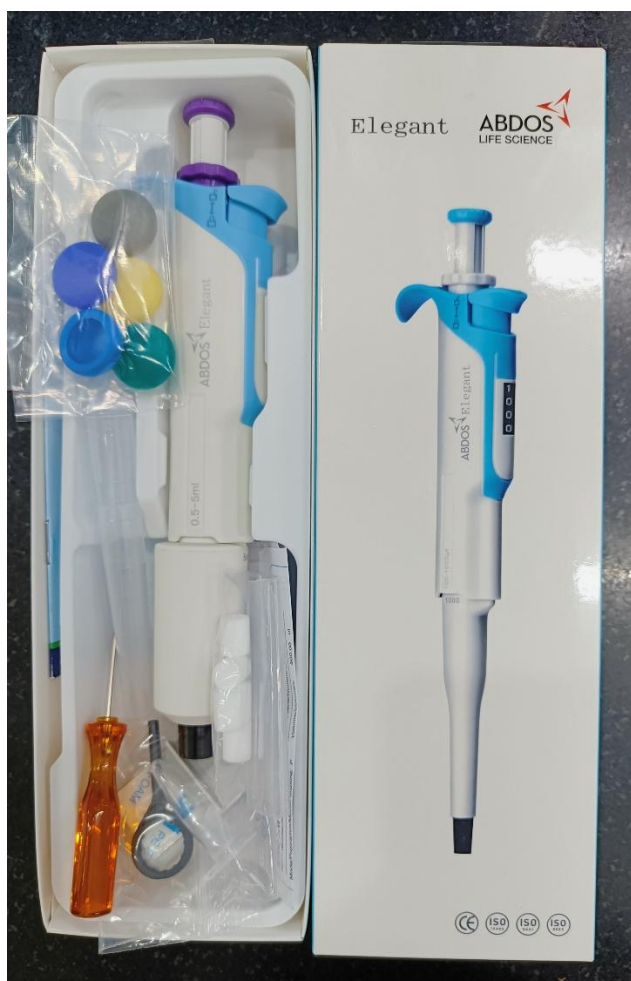
Filter Element

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