

TECHNICAL DATA SHEET

ALab™ HiPette-LTS Manual Adjustable Pipette

Light feel manual adjustable color pipette · LTS tip system · 4-digit volume display



ALab™ HiPette-LTS Manual Adjustable Pipette

The ALab™ HiPette-LTS. Image shown for reference.

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SECTION I

Product Overview

The ALab™ HiPette-LTS is a light feel manual adjustable color pipette with the LTS tip system: easy loading and ejection of LTS tips, smooth aspiration and dispensing, reducing wrist strain.

Ideal for high-frequency, large-volume pipetting tasks; LTS technology ensures uniformity across multi-channel pipetting.

SECTION II

Core Advantages

- **LTS Tips** — easy loading and ejection
- **Front Stop Design** — thin-walled tips
- **4-Digit Display** — new volume window
- **Low Ejection Force** — LTS tip system
- **Volume Lock** — one key setting
- **Filter Element** — helps avoid liquid back-flow

SECTION III

Specifications

Technical data — LTS tip system

Specifications	
Brand	ALab™ by ACS Material
Model	HiPette-LTS
SKU #	ALHPLT00
Product Type	Manual Adjustable Color Pipette
Tip system	LTS tips and sleeves; thin-walled tips with a front stop design
Tip ejection	Low tip ejection force
Volume display	New 4-digit volume display window
Volume setting	One key volume lock setting: pull up the lock wheel to set the volume, push down the lock wheel to lock the volume
Color coding	Different colors of colored caps provide a rich choice of models; different ranges are easy to distinguish

Tip System Comparison — HiPette tip system • HiPette-LTS tip system

Compared with the HiPette tip system		
Item	HiPette Tip system	HiPette-LTS Tip system
Tip ejection force	High tip ejection force	Low tip ejection force
Sealing area	Larger sealing area: the thickness of the suction tip wall will produce greater friction	Smaller sealing area
Tip shape	Conical handle: conical suction tip designed without a front stop point	Cylindrical suction head; front bumper design prevents excessive force

Scope of delivery

- **Standard configuration:** one ALab™ HiPette-LTS pipette.
- **Additional items:** specify separately in the quotation. The TDS lists the product specifications, not the standard packing list.

SECTION IV

Applications

Ideal for high-frequency, large-volume pipetting tasks, with LTS tips for easy loading and ejection.

Confirm the volume range and channel configuration before ordering.

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