

• 96-CHANNEL AUTOMATED PIPETTING

NOTABLE96

High-Throughput Liquid Handling Robot

96 wells. One stroke. Zero waiting.

CV < 5%*
@ 2 µL · 50Tip

5 – 200 µL
Volume range

96 channels
Simultaneous

12 slots
incl. 1 waste deck


KEY FEATURES



96-Channel Simultaneous Pipetting

Dispense all 96 wells in a single stroke. Dramatically reduce protocol time vs. 8-channel methods.



Lab-Automation Ready

REST API enables seamless robot arm integration — compatible with major lab automation platforms and OT systems.



Single & Multi Dispense Modes

Supports both single and multi-dispense per run. Flexible protocol design in one instrument.



WINDY Software

Drag-and-drop protocol builder with live deck simulation. No coding — automate in minutes.



Gripper Module

Handles all standard microplates, tip boxes, and reservoir trays for fully automated plate handling.



Photometric-Verified Precision

CV < 5% @ 2µL, 50Tip — photometric-verified. Leading low-volume precision in the 96-channel segment.

SPECIFICATIONS

PIPETTING PERFORMANCE

Volume Range	5–200 µL (200Tip) / 5–50 µL (50Tip)
Precision (CV)	< 5% @ 2µL (50Tip)
Channels	96ch simultaneous
Deck Positions	12 slots (ANSI/SLAS, incl. 1 waste deck)
Software	WINDY + REST API (Open Integration)
Tip Type	50µL / 200µL SBS-format

PHYSICAL & SYSTEM

Dimensions	640 × 580 × 660 mm
Weight	50 kg
Power	AC 100–240V → DC 24V, 9.2A, 221W max

* CV < 5% @ 2µL (50Tip): photometric reference measurement.

APPLICATIONS

Drug Discovery

Compound Screening

NGS Library Prep

Large-Scale Sample Processing

WHY ABLE Labs

End-to-End Integration

Hardware & software by the same team — seamless sample-to-result, no system handoffs.

Cost-Efficient Architecture

~40% lower TCO vs. global competitors. No forced bundles, no hidden fees.

Local Technical Support

Korea-based engineering team — same-day / next-day issue resolution, direct from HQ.