



SWAB PLATFORM

RDT PLATFORM



The Atomo Swab Platform makes swab-based testing easier than ever before, with sequenced user steps that greatly reduce the propensity for error.

The Atomo Swab Platform is a device designed to expand Atomo’s product range outside of blood-based testing. The test is a device to simplify and improve existing swab-based testing platforms.

To address the issue of inaccuracy in traditional swab-based tests, the Atomo Swab Platform’s consolidated components help improve usability through removing the need for manual dosing of sample and by reducing the number of user steps.

PLATFORM FEATURES	BENEFITS	PLATFORM SPECIFICATIONS	
CONSOLIDATED COMPONENTS	<ul style="list-style-type: none"> Fully integrated sample extraction and delivery unit Integrated blister and lyophilised buffer reagent allow for accurate buffer delivery. 	TYPE	Single use, disposable swab-based RDT support platform.
IMPROVED USABILITY	<ul style="list-style-type: none"> No manual dosing required, reducing potential for user error Automatic sample delivery improves usability 	DEVICE DIMENSIONS	50mm x 20mm x 20mm
WIDE-RANGING COMPATIBILITY	<ul style="list-style-type: none"> Compatible with a wide array of swabs and standard IVD cassettes Improved diagnostic performance and reliability for a wide range of RDT devices 	BUFFER VOLUME DELIVERED*	150-200µL
IMPROVED SAMPLE CONCENTRATION	<ul style="list-style-type: none"> Swab sample and buffer solution mixed efficiently in chamber so that device delivers all sample to the test cassette Extraction ribs improves sample transfer from swab to device 	CASSETTE SIZE	Standard Cassette 70mm x 20mm x 5mm
		LYPHOLISED BUFFER	Space to accommodate a lyophilised buffer bead



CLICK BUTTON



INSERT SWAB



ALIGN CASSETTE



DISPENSE FLUID



READ RESULT



Award Winning Design

AtomoRapid™ Diagnostic Tests have been recognised internationally for innovative design, performance and ease-of-use.



Discover how partnering with Atomo Diagnostics can provide your business with an efficient and low-risk pathway from product development to commercialisation of your rapid diagnostic test.

About Atomo Diagnostics

Atomo is a specialist medical device design and original equipment manufacturing (OEM) company with unique and proprietary technologies that improve rapid diagnostic testing by emphasising ease-of-use, accuracy and performance.

Atomo's all-in-one RDT device platforms put the end user first and make it easy to screen for various chronic conditions and test for a range of infectious diseases.

Quality Assurance & Regulatory

Atomo's operations are ISO 13485 certified for the design, development and manufacture in vitro diagnostic medical devices.



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