



Actual size

## Galileo RDT Platform

**Improved performance and usability with integrated safety lancet, interlocked user steps, and unique blood collection and delivery system**

The AtomoRapid 'Galileo' RDT platform has been designed to make rapid testing easier and more accessible. The all-in-one design improves convenience and simplifies test procedures for lateral flow blood tests.

Interlocked user steps help to mitigate common user errors, making the platform suitable for professional point of care and self test applications. It can be customised for most lateral flow test strips that use capillary blood samples.

PLATFORM FEATURES	BENEFITS
All-in-one test device	<ul style="list-style-type: none"> <li>• Greater convenience and usability</li> <li>• Integration of features minimises training required for new users</li> <li>• Supports clinical waste control by reducing the number of potentially hazardous and contaminated test components for disposal</li> </ul>
Contact activated, auto-retracting safety lancet	<ul style="list-style-type: none"> <li>• Safeguards against needlestick injuries and cross-contamination</li> <li>• Built-in safety lancet supports compliance to best practice in capillary sampling</li> </ul>
Innovative blood collection unit	<ul style="list-style-type: none"> <li>• Simplifies test procedure and ensures easy blood collection</li> <li>• Improves blood volume accuracy</li> </ul>
Controlled delivery of blood to the test strip	<ul style="list-style-type: none"> <li>• Eliminates blood splatter by transferring blood sample cleanly</li> <li>• Delivers blood to the correct point on the test strip</li> </ul>
Interlocked, sequenced user steps	<ul style="list-style-type: none"> <li>• Supports compliance with test procedures</li> <li>• Ensures fewer user errors</li> </ul>

PLATFORM SPECIFICATIONS			
<b>DEVICE</b>			
Type	Single use, disposable lateral flow RDT platform	Dimensions	108mm x 29mm x 21mm
<b>CONTACT ACTIVATED SAFETY LANCET</b>			
Needle gauge	21G (0.8mm)	Needle penetration depth	2.4mm
<b>BLOOD COLLECTION UNIT</b>		<b>TEST STRIP</b>	
Blood volume	Calibrated from 5µL to 40µL	Dimensions	4 (±0.2)mm x 73.5 (±0.5)mm



Lance Finger



Collect Blood



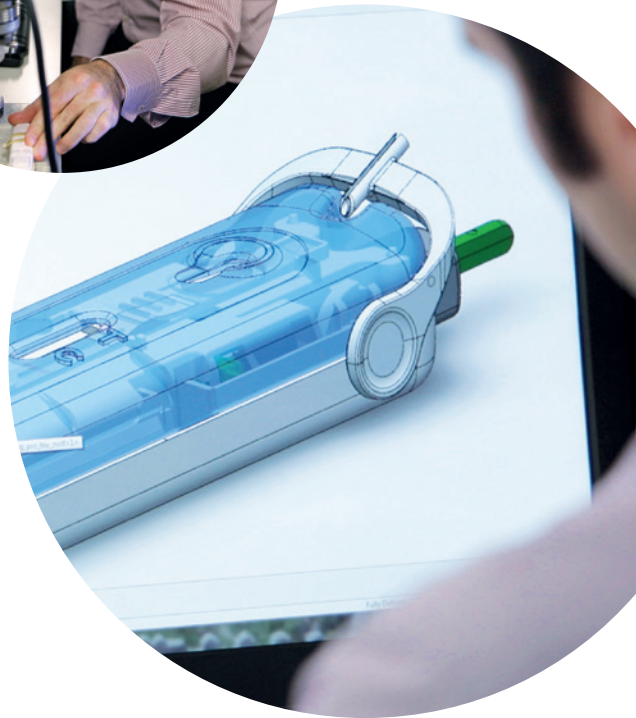
Deliver Blood



Deliver Buffer



Read Result



## 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 existing patent and platform device portfolios mean that it is able to provide OEM clients with an efficient and low-risk pathway from product development to commercialisation of tests on its AtomoRapid platforms.

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 9001 and ISO 13485 certified for the design, development and manufacture of in vitro diagnostic medical devices. All OEM projects include support in the development of technical files and risk management documentation.



## Design & Innovation Awards

Atomo's commitment to innovation in point of care diagnostics has been recognised internationally with multiple awards.



## Connect with us

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