

RevDx™

Bring the Lab to the Patient



Not the Patient to the Lab

WHY the RevDx™ SYSTEM?


THE ANSWER IS SIMPLE.

Because no delay in obtaining Blood Test results means treatment delivered faster.

The RevDx™ system is a fully portable, battery-operated automated hematology analyzer designed to be used anywhere.

The lightweight RevDx™ Scanner “takes the Lab to the patient”, providing a platform for multiple clinical applications while reducing cost and time and streamlining the patient experience.

ONE-STEP BLOOD SAMPLING PROCESS



The simple “one-step” blood test procedure — performed with an easy-to-use RevDx™ Test Chip — requires no special training, no reagents, and no calibration or connectivity.

USING the RevDx™ FULLY-AUTOMATED SCANNER

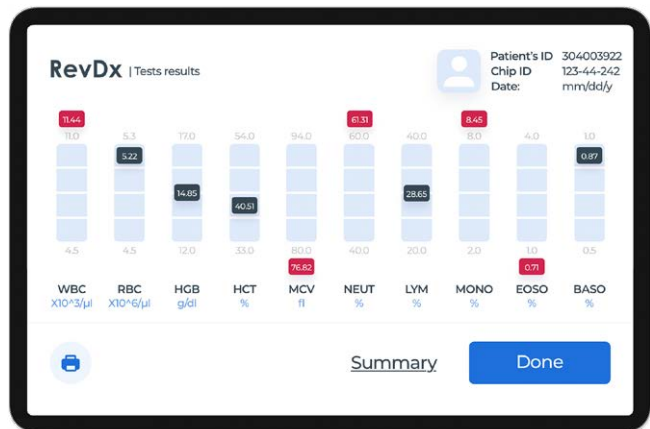
Fully-automated, portable
battery-operated device.

"One-Step" easy-to-use
process.

No need for calibration.

Intuitive on-screen instructions.

RevDx™ TEST RESULTS



NEXT IN OUR PIPELINE

The new generation RevDx™ System will include testing for:



CRP

C-Reactive Protein



Metabolic tests

Additionally, the RevDx™ features the ability to transfer microscopy-based images for remote analysis and blood diagnostics.



**WATCH
OUR
MOVIE**

RevDx™ SYSTEM SPECIFICATIONS & TECHNICAL INFORMATION



NOTE: For detailed information please see Instructions for Use.

Parameters Measured

RevDX™ V1	
Parameter	Unit
WBC total	10 ³ /μL
RBC	10 ⁶ /μL
HGB	g/dL
HCT	%
MCV	fL
NEUT	% ; #
LYMPH	% ; #
MONO	% ; #
EOS	% ; #
BAS	% ; #

General Specifications

Parameter	Details
Blood Sample (finger prick or vein)	25μl
Operating system	Linux
Memory	Data storage for ~400 patients (expandable)
Connectivity	Wi-Fi, Bluetooth, USB type C
LCD display panel	5 inch touch screen
Options	Barcode reader, printer, keyboard & mouse

RevDX™ V2 (coming soon):

MCH, MCHC, RDW-CV & PLT

Environmental Conditions Required

Device	Condition	Ambient Temperature	Relative Humidity (non-condensing)
RevDx™ Scanner	Operation	0°C-40°C / 32°F-104°F	10%-90%
	Storage/ Transport	0°C-50°C / 32°F-122°F	<90%
RevDx™ Test Chip	Operation	10°C-40°C / 50°F-104°F	10%-90%
	Storage/ Transport	0°C-40°C / 32°F-104°F	<90%

Certification & Compliance with International Standards

EN 61010-1	EN IEC 61326-2-6
EN 61010-2-101	EN ISO 13485
Council Directive 98/79/EC	IP21 per IEC 60529
EN IEC 61326-1	

Electrical Specifications

Power Supply	Specifications
RevDx™ Scanner rechargeable battery pack	Lithium-ion rechargeable battery Nominal operating voltage: 7.4V 10.5A (Up to 6 hours with a fully-charged battery)
Dedicated battery charger (power supply – optional)	AC/DC medical adaptor AC Input: 110 to 220V AC, 5A, 50-60Hz DC Output: 7.4V 10.5Ah

Dimensions & Weight

	Height	Width	Depth	Weight
RevDx™ Scanner	14 cm / 5.5 in	22 cm / 8.66 in	14 cm / 5.5 in	2.5 kg / 5.5 lbs
Rechargeable battery pack only				300 g / 0.7 lbs