

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

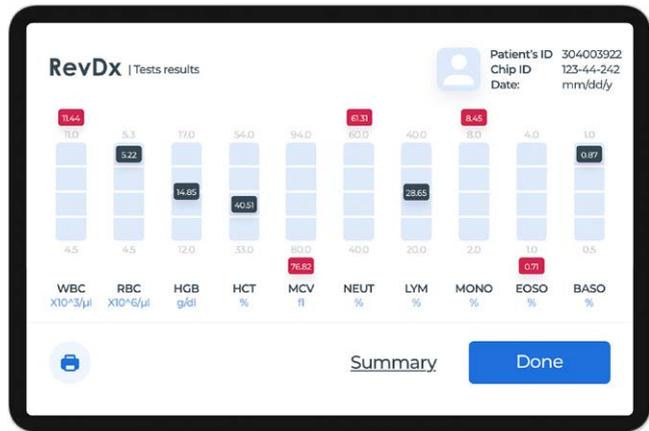
Fully-automated, portable
battery-operated device.

"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 | |

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 |

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 |

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