FINDER® Multifunctional Near-Patient Diagnostic Platform

Baebies FINDER is a revolutionary platform for near-patient testing in multiple settings. Powered by digital microfluidics, FINDER addresses the critical need for tests requiring low sample volume, delivering rapid results in as little as 15 minutes after sample introduction. With its small footprint, cost-effective design, and simple workflow, FINDER ensures efficient testing without compromising accuracy. The integrated sample preparation feature further enhances the diagnostic experience, while the robust development pipeline guarantees continuous innovation and cutting-edge advancements.

Rapid testing • Accurate results • Portable platform • Robust pipeline

FINDER Features

- < 1-hour lab for installation
- Toaster-sized instrument
- 50 microliter sample volume
- Fully automated sample preparation
- Preloaded reagents on cartridge
- On-board thermal regulation
- Easy workflow with software- controlled assay protocol
- 15 minutes or less from sample introduction to result
- Low maintenance with no pumps, tubing, or valves

AACC Disruptive Technology Award Winner 2020

FINDER® is CE-marked and US FDA cleared.

baebies.com/products/finder

320-000063 Rev. 03

everyone deserves a healthy start®

baebies FINDER

Barcode reader provides positive patient ID and easy cartridge ID

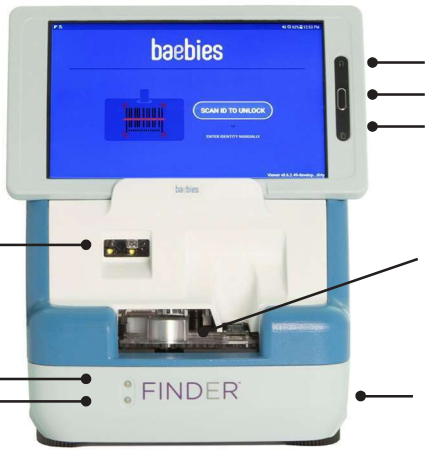
Easy-to-use Android® mini tablet user interface

Completely self-contained single use test cartridge with all necessary reagents on board

Very small footprint 10.6” x 8.9” x 12.3” (26.9 cm x 22.6 cm x 31.3 cm)

Safe, Easy-to-use, Integrated Testing on FINDER

- No specialized training needed for operation
- Built-in redundancy and self-check systems
- Walk-away testing with tablet notifications



Back Button
Home Button
Context Button
Barcode Window & Scanner
Cartridge Deck
Power LED
Error LED
Cartridge Release Button

Power Button
Volume Button
Tablet Lock
Power Switch
USB Ports
Fuse Hold & Power Inlet
Leveling Feet

For more information, contact us today!

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Instrument Specifications

Instrument	Dimensions	26.9 cm x 22.6 cm x 31.3 cm
	Weight	15 lbs (6.8 kg)
	Interfaces	2x USB, 1x Ethernet
	Indicators	1 Error LED, 1 Power LED
	Barcode Scanner	Built In, IEC 60825, Class 2
	Deck Temperature	37°C
Storage & Transport	Temperature	-10°C to 35°C
	Relative Humidity	30 to 80%, non-condensing
Power Supply	Input	100-240VAC
	Frequency	50/60Hz
	Input Current	1A
	Overvoltage Category	II
Data Output	Display	Tablet
	Printer	Thermal Printer, OmniPrint Inc. Model #OM5200U-BI
Operating Environment	Temperature	19°C to 30°C
	Relative Humidity	30 to 80%, non-condensing
	Altitude	Elevations up to 3000m above sea level
	Location	Indoor use; Dry, clean, horizontal surface; Avoid direct sunlight
	Acoustic Emissions	Less than 45 dBa
	Pollution Degree	2

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FINDER® Near-Patient Testing Platform for the Detection of G6PD Deficiency

The FINDER® G6PD test provides glucose 6-phosphate dehydrogenase enzymatic activity in whole blood specimens using only 50 µL sample, enabling clinicians to quickly and accurately determine G6PDd status.

Rapid time to result of ≅ 17 minutes.	Simple workflow with no sample prep.
Lab-equivalent performance of <5% CV.	Small footprint.

G6PD Assay Specifications:

Product Numbers*	FINDER Instrument: 100-000040 FINDER G6PD Cartridges (Box of 96): 190-000010
Test Name	FINDER G6PD
Intended Use	Point-of-Care or Clinical Laboratory
Sample Type	Venous whole blood specimens collected in lithium heparin tubes; no sample prep required
Sample Volume	50 microliters input to the cartridge
Sample Throughput	Single-use, disposable cartridges
Test Kit Configuration*	Carton of 16 self-contained disposable cartridges (6 cartons/case)
Test Kit Storage Conditions	2°C to 8°C
Cartridge Stability	18 months at 2°C to 8°C
In-Use Stability	2 months for sealed test cartridge at 20°C 1 hour opened test cartridge at room temperature.
Anticoagulant	Lithium Heparin
Time to Result	17 min
Detection Method	NADPH kinetic fluorometric method
Reported Units	U/gHb (Units per gram of Total Hemoglobin)
Linear Range (U/gHb)	0.8 to 19.7 U/g Hb
Reproducibility	6.5% at 1.4 U/gHb, 5.2% at 17.4 U/gHb
Limit of Detection (LoD)	0.4 U/g Hb
Limit of Quantitation (LoQ)	1.1 U/g Hb
Method Comparison	Y = 0.92x+0.28; R = 0.9

*See instructions for use for materials required but not provided.
FINDER® is CE-marked and US FDA cleared.
Refer to the FINDER Instrument User Guide and the FINDER G6PD Test Instructions for Use for complete test instructions.
Always wear proper Personal Protective Equipment when handling any potentially infectious materials or test components.