

AUTOMATION & STANDARDIZATION

- **Full Walk Away Automation** – High speed throughput of 100 tests per hour
- **Continuous Testing** – Interchangeable sample trays for easy sample loading
- **Rapid Reporting** – First result available in 5 minutes
- **Standardized Results** – Machine vision accuracy to eliminate user error

SIMPLE & EASY TO USE



- **Touch Screen Operation**
10-inch screen displays real-time testing information
- **LIS Ready**
Automated result transfer to Laboratory Information System
- **Patient Information**
On-board patient ID bar code scanner
- **Hygienic**
Fecal sample tube never has to be opened by operator
- **Biosafety**
Completed test is enclosed in self-sealed disposable cartridge



ROBUST & ECONOMIC OPERATION



- Long shelf-life reagents and sample collection tubes (24 month shelf life at room temperature)
- No washing solutions
- No cold-chain liquid reagents or complex calibrators
- No complex hydraulic and cuvette systems
- Minimal training for operation and maintenance

IMPROVED SAMPLE COLLECTION



- **Prepack Mailers**
for easy home collection
- **Clear Patient Information**
flat sample collection tube surface for easy patient labelling
- **Consistent Sample Quantity**
patented fecal sample collection tube to ensure correct sample quantity
- **Reliable Sample Delivery**
14-day-room temperature sample stability for easy transportation to laboratory

*Actual Size Collection Tube

USER OPERATIONS



1. HOME SAMPLE COLLECTION

- Patient follows easy to use Quick Guide to collect fecal sample
- Patient mails sample collection tube directly to laboratory with prepack mailer kit

2. INSERT SAMPLE COLLECTION TUBE INTO TEST CARTRIDGE

- Laboratory receives sample collection tube and patient sample information
- Patient sample collection tube is inserted into FIT test cartridge

3. LOAD SAMPLE TRAY

- Load FIT test cartridge with sample collection tube into 1 of 24 sample positions
- LIS generated barcode may be attached to sample collection tube or test cartridge

4. PLACE SAMPLE TRAY IN ANALYZER

- Place loaded sample tray into Accu-Reader® A100
- Close lid and begin software operation

5. START TESTING

- Press the start button and the equipment will process all samples loaded into the sample tray
- Full walk away automation

6. RESULT REPORTING

- Test Results displayed on screen
- Printed results (optional)
- Result transfer to LIS (optional)

COMPARE MODELS



THE COMPETITION

TEST COMPLEXITY	Moderate Complexity	Moderate Complexity
FULLY AUTOMATED	Yes	Yes
THROUGHPUT	100 Tests/hour	80 Tests/hour
HOME COLLECTION DEVICE W/MAILER	Yes	Yes
DAILY WASHING CYCLE	None	Required
LIQUID WASTE DISPOSAL	None	Required
CALIBRATION FREQUENCY	90 Days	14 Days/New Lot
FIT REAGENT STORAGE TEMPERATURE	2-30° C	2-10° C
FIT REAGENT SHELF LIFE	24 Months	6 Months
EST. COST PER TEST	\$\$	\$\$\$
REAGENTS REQUIRED	1 Collection Device (Room Temp) 1 Test Cartridge (Room Temp) 2 Control (Semi-Solid) (2-8° C)	1 Collection Device (Room Temp) 1 Washing Solution (Room Temp) 1 Latex Reagent (2-4° C) 2 Control Liquids (2-4° C) 1 Calibrator (2-4° C)



CALL OR VISIT US ONLINE FOR MORE INFORMATION

- HEMOSURE.COM
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- 5358 Irwindale Avenue, Irwindale, California 91706, USA



HEMOSURE® AccuREADER® A100

- ✓ ACCURATE DETECTION of fecal occult blood (FIT)
- ✓ FULLY AUTOMATED with an easy-to-use touch screen



RESULTS IN 5 MINUTES



- ✓ STANDARDIZED ANALYSIS eliminate user error
- ✓ HYGIENIC PATENTED closed vial system
- ✓ Accu-Reader® A100 Test Cartridge & Sample Collection Tube

TECHNICAL SPECIFICATIONS

MODEL	Hemosure® Accu-Reader® A100	INTERFACES	USB port / Ethernet Port / EMR
MACHINE TYPE	Fully Automated Fecal Occult Blood Analyzer	PRINTER	Thermal Printer
THROUGHPUT	100 Samples/Hour	DIMENSIONS (W x L x H)	24.6" x 15.4" x 13.4" (625mm X 390mm X 340mm)
READING TIME	5 Minutes	WEIGHT	46 lb. (21 kg)
IMAGE SENSOR TYPE	CMOS Sensor	CERTIFICATIONS	ISO13485:2016 / CE
LIGHT SOURCE	LED	POWER SOURCE	AC 100V - 120V
DISPLAY	10" TFT LCD Touch Screen	POWER CONSUMPTION	150W
DATA OUTPUT	On-Board Display Memory and Printing	OPERATION TEMPERATURE	50°F - 86°F (10°C - 30°C)
DATA MEMORY	eMMC Flash Memory	OPERATION HUMIDITY	Maximum Relative Humidity 85%
BARCODE READER	Patient ID Scanner	BOX CONTENTS	Analyzer / User Manual / Warranty Card / Power Cord

Part Number Part Descriptions

AR01-M	Hemosure® Accu-Reader® A100 with Sample Tray
AR01-CT50	Hemosure® Accu-Reader® A100 Test Cartridge, 50pcs/box
AR01-TB50	Hemosure® Accu-Reader® A100 Sample Collection Tube, 50pcs/box
AR01-TSC02	Hemosure® Accu-Reader® A100 Control (1 Positive 2mL and 1 Negative 2mL)
AR01-CCK10	Hemosure® Accu-Reader® A100 Calibration Cartridge Kit, 10pcs
AR01-CM50	Hemosure® Accu-Reader® A100 Home Collection Mailer(s): 1 Quick Guide, 1 Sample Collection Tube, 1 Bio-Bag, 2 Collection Papers and 1 Return Mailer, 50pcs/box
AR01-M-ST24	Hemosure® Accu-Reader® A100 Sample Tray



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