

# SFRI

Medical Diagnostics

NEW



HEMIX 3-30

Mono Channel Blood Cell Counter  
High Quality for Small Labs

## HEMIX 3-30

- Three counting modes: whole blood, capillary and pre-diluted
- Up to 20 000 patient results (including histograms)
- Extensive quality control programs: Levey-Jennings Charts, 9 files
- Throughput: less than 2 minutes per result
- 3-part differentiation, 20 parameters, 3 histograms
- Compact size, built in thermal printer, large color LCD display: comfort and ease of use
- Windows® based software: French, English and Spanish languages available
- Optional barcode reader: saves time, avoids identification errors and allows for hassle free routine

### Our products are used every day in more than 60 countries

SFRI offers a wide range of instruments that can be used as main analyzers for small and medium labs or as backup systems for big labs. Beyond its range of instruments, SFRI develops and manufactures dedicated and compatible hematology and biochemistry reagents. These reagents are the best on the market thanks to their long shelf-life (up to 36 months) and great stability.

## WE KNOW WHAT MATTERS!

High quality at lower costs for your lab!

1

**High quality results you don't need to double check!**

2

**Increased Lab profitability thanks to extremely low reagent consumption!**

3

**A robust and reliable instrument that doesn't breakdown!**

4

**Ergonomic operations for effortless and safe working conditions!**

# Higher Quality Results at Lower Costs in a Robust Instrument

## Powerful Comprehensive Software

As a small compact analyzer with high-end software normally only found in more sophisticated high-throughput instruments. The intuitive Windows® based software can be automatically updated through the USB port. The low frequency of product maintenance ensures minimum interruption in workflow.

## Practical and User-friendly

The large display and automated functions make for effortless working conditions. All tests are stored automatically and are accessible via the data log menu. All results are customizable for easy search via the comprehensive patient data search function. They are also exportable via LIS to a lab's database for complete coordinated reports and easy comfortable workflow.

## Cost Effectiveness

The HEMIX 3-30 has the lowest consumption rate of reagents out of all 30 t/h analyzers on the market. Its low consumption rate, very long shelf life of reagents, and limited maintenance operations make it a very cost driven instrument for your lab.

## Full traceability

The optional barcode reader reduces the risk of manual mistakes while the on-board error log allows for full traceability of errors. Traceability is also guaranteed thanks to user ID recognition, maintenance log and quality control.



## Quality Results, Precise and Reliable

The HEMIX 3-30 has excellent precision results. The HEMIX 3-30 is equipped with a comprehensive calibration and quality control program, including Levey-Jennings analysis, to guarantee high quality, repeatable results. Labs are ensured lower percentages of reruns and useless slides, and higher savings!

## A Safe Working Environment

Operators can work safely thanks to the cyanide free HEMIX 3-30 lysing reagent.

## Robust Instrument Easy to Maintain

The HEMIX 3-30 has an excellent internal maintenance program including an integrated self-cleaning system to minimize maintenance. The unique structure of the mechanic and fluidic systems and quality components ensure less failures and simplify maintenance operations.

# HEMIX 3-30

## TECHNICAL SPECIFICATIONS

### HEMIX 3-30: REFERENCE A0212

#### PARAMETERS

WBC, RBC, HGB, PLT, MCV, MPV measured;  
Lym#, Mon#, Gran#, HCT, MCH, MCHC, PCT% calculated;  
Lym%, Mon%, Gran%, RDW-SD, RDW-CV, PDW%, P-LCR% given by histograms.

#### PRINCIPLES

Mono channel instrument  
Impedance technology for blood cell counting and cyanide-free optical detection for hemoglobin

#### PERFORMANCE

Parameter	Measuring Range
WBC (10 <sup>9</sup> /L)	0-99.99
RBC (10 <sup>12</sup> /L)	0-7.00
HGB (g/L)	0-300
MCV (fL)	40-150
PLT (10 <sup>9</sup> /L)	10-999

Parameter	Precision (CV %)
WBC (10 <sup>9</sup> /L)	2.5% @ 5-10
RBC (10 <sup>12</sup> /L)	2.0% @ 4-6
HGB (g/L)	1.5% @ 90-200
MCV (fL)	0.5% @ 70-120
PLT (10 <sup>9</sup> /L)	5.0% @ 200-450

#### QUALITY CONTROL

Using BQC - Levey-Jennings list and charts with calculation of Mean, SD, CV; up to 9 control files, 31 runs/ file

#### THROUGHPUT

Less than 2 minutes per result

#### SAMPLE VOLUME

Venous and capillary	9.8 µl
Pre-diluted	20 µl

#### MEMORY STORAGE

20 000 patient files  
Mono-directional LIS transfer

#### INPUT/OUTPUT

Keyboard and mouse interface (optional barcode)  
External monitor and parallel printer interface  
RS-232 x 1; USB x 2

#### PRINTOUT & DISPLAY

Fast thermal printer, 55 mm paper  
Optional external printer  
8" LCD screen with color display

#### LANGUAGE

3 languages available: English, French, Spanish

#### OPERATING ENVIRONMENT

Temperature	15°C – 35°C
Humidity	30% – 85%
Atmospheric pressure	86.0 – 106 kPa

#### POWER REQUIREMENTS

A.C. 110-220 V; 50/60 Hz  
Input power: 150 W

#### DIMENSIONS

330(W) x 430(H) x 380(D) mm

#### WEIGHT

17.5 kg

#### REAGENTS AND CONSUMABLES

	NAME	REFERENCE	VOLUME
REAGENTS	SFRI Diluent 3.3	HSD 521	20L
	SFRI Lyse 3.3	HSL 551	0.5L
	SFRI Cleaner 3.3	HSL 502	2L
MAINTENANCE SOLUTIONS	SFRI CleanEZ 3.3	HSC 103	60mL
	SFRI Clair 3.3	R024 xxx	60mL

	TYPE	REFERENCE
CONTROLS	BloodTrol 16 3 tubes N	R021005
	BloodTrol 16 3 tubes LNH	R021001
	BloodTrol 16 6 tubes N	R021002
	BloodTrol 16 6 tubes LNH	R021006
CALIBRATOR	BloodCal 1 tube	R021003

Your Local Distributor:

