



COUNTENDER **20+**

New 3-Part Differential Blood Cell Counter
Performance Meets Simplicity

COUNTENDER 20+

An analyzer designed for an easy-handling

- Cadence : 60 seconds per results
- Cost effective: one of the lowest consumption rates of reagents on the market
- Up to 50 000 patient results (including histograms) can be stored
- Optimized data research function
- Equipped with an Electronic Noise Reduction System – ELENOR® – for accurate low platelet counts
- Automatic update of software LINUX® directly from USB port
- Compact size, large color LCD display, touchscreen option: comfort and ease of use
- Built-in thermal printer, external keyboard and mouse provided
- Optional barcode reader: saves time, avoids identification errors and allows for hassle free routine



Large LCD display,
20 parameters & 3 color
histograms on 1 screen



On-board operator guide
and help



Fully automatic calibration
in all sample mode



Consumables



Up to 30% less
consumption*

	NAME	TYPE	REFERENCE	VOLUME	SHELF LIFE**
REAGENTS	SFRi Diluent 3.1	Diluent	HSL321	20 L	36 months
	SFRi Lyse 3.1	Lyse	HSL302	500 ml	24 months
	SFRi Cleaner 3.1	Cleaner	HSG305	5 L	24 months
MAINTENANCE SOLUTIONS	SFRi CleanEZ 3.1	Shutdown	HSC302	60 ml	12 months
	SFRi Clair 3.1	Emergency cleaner	HSC102	60 ml	12 months
CONTROLS	NAME	TYPE	REFERENCE	CVS***	OVS***
	3 tubes N		R021005		
	3 tubes LNH		R021001		
	6 tubes N		R021002	105 days	14 days
CALIBRATOR	6 tubes LNH		R021006		
	BloodCal	1 tube	R021003	45 days	5 days

*Local distributors can provide comparative table - **From date of manufacture - *** Closed / opened vial stability

A Concentrate of Technology

New 3-part diff generation

All new design, best quality

BRAND NEW MODULAR SYSTEM

3-part differentiation of WBC, 20 parameters & 3 color histograms (WBC, RBC, PLT)

BRAND NEW LINUX® SOFTWARE « so much more user-oriented!»

WHAT'S NEW?

1. Multilingual
2. All printers available (ink jet or laser)
3. Up to 50 000 data storage
4. 4 USB ports: printer, keyboard, mouse AND software upgrade
5. 1 Ethernet port for data transfer
6. Screen resolution 600*800
7. Hardware stored in the internal memory
8. Data backup possible via USB export of samples results

New options customers asked for!

TOUCHSCREEN



OR



«BASIC»



CLOSED SYSTEM WITH BARCODES



COUNTENDER 20+

TECHNICAL SPECIFICATIONS COUNTENDER 20+: REFERENCE A0208

PARAMETERS

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

PRINCIPLES

Impedance technology for blood cell counting and cyanide-free
optical detection for hemoglobin.

PERFORMANCE

Parameter	Linearity Range	Precision (CV%)
WBC ($10^9/L$)	0-99.99	2.5% @ 5-10
RBC ($10^{12}/L$)	0-9.99	2.0% @ 4-6
HGB (g/L)	0-300	2.0% @ 50-200
MCV (fL)	40-150	1.0% @ 70-120
PLT ($10^9/L$)	10-999	5.0% @ 200-450

QUALITY CONTROL

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

THROUGHPUT

60 seconds per sample

SAMPLE VOLUME

Venous	9.6 μ L
Capillary	9.6 μ L
Pre-diluted	20 μ L

MEMORY STORAGE

50 000 patient files
Mono-directional LIS transfer

INPUT/OUTPUT

External monitor
RS232 x 1; USB port x 4 ; Ethernet x 1

PRINTOUT

Fast thermal printer, 57.5 mm wide paper,
recording width 48 mm
Optional external printer, Inkjet or laser

DISPLAY

8" LCD screen
High resolution: 800x600 mm
Color display

INTERFACE

Multilingual Linux® software

OPERATING ENVIRONMENT

Temperature 18°C – 35°C
Humidity < 85%
Atmospheric pressure 86.0 – 106 kPa

POWER REQUIREMENTS

A.C. 110-220 V; 50/60 Hz
Fuse: A.C. 250 V; 2 A

DIMENSIONS

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

WEIGHT

17.5 kg



Your Local Distributor:



SFRI SAS - Lieu-dit Berganton - 33127 Saint Jean d'Illac (Bordeaux) - FRANCE
Tel. +33 (0)5 56 68 80 50 - Fax +33 (0)5 56 21 79 03 - contact@sfri.com - www.sfri.com