

MYTHIC™ 60



Fully automated 28 parameters
haematology analyzer



SWISS HAEMATOLOGY
SOLUTION

MYTHIC™ 60

NEW



28 Parameters
60 Tests per Hour
5-DIFF Hematology Analyzer

- New TRUE 5-DIFF technology.
- Dynamic Clustering Algorithm.
- 98,5% up time.
- Predilution mode.
- Prolonged time from collection to measurements.
- Cost effectiveness.

Instrument Overview - General Specifications

Parameters	WBC, RBC, PLT, HGB, HTC, MCV, RDW-CV, RDW-SD, MCH, MCHC, PLT, MPV, LYMF, LYM%, MON%, MON#, NEU%, NEU#, EOS%, BAS%, BAS#, ALY%, ALY#, IMM%, IMM#, PCT, PDW, P-LCR
Sample Volume	Whole Blood 15,6 µl
Throughput	60 Samples per hour
Maximum Background Counts	
WBC	0.2 (10 ⁹ /µL)
RBC	0.02 (10 ⁶ /µL)
HGB	0.2 (g/dL)
PLT	10 (10 ³ /µL)
Precision (CV)	
WBC	< 2.5%
RBC	< 2%
HGB	< 1.5%
PLT	< 5%

Linearity Count	
WBC	0.2 - 100 (10 ⁹ /µL)
RBC	0.02 - 8 (10 ⁶ /µL)
HGB	0.2 - 24 (g/dL)
PLT	10 - 2000 (10 ³ /µL)
Carryover	WBC, RBC, HGB < 1% PLT < 2%
Dimensions	405 mm x 270 mm x 430 mm 13 kg
Power Requirements	Input: 100 - 240 VAC, 50 / 60 Hz 24VDC / 6.67A (160W)
Accessories	Included: Barcode Reader Optional: QWERTY USB Keyboard, Printer
Connections	4 USB Ports Ethernet Serial Link RS232
Operating Environment	Working Temp.: 18 - 32°C Max. Relative Humidity 80% at 31°C Altitude: Up to 3000 meters

New parameters:

- ALY% - Atypical Lymphocytes Percentage.
- ALY# - Atypical Lymphocytes Absolute Number.
- IMM% - Immature Cells Percentage.
- IMM# - Immature Cell Absolute Number.



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