



Mythic™ 60

Multi-Patented 5+DIFF Hematology Analyzer
Test Results You Can Trust



The lifeline to better health

Mythic™ 60

Reliable Results. Excellent Performance.

- ▲ 28 parameters
- ▲ Up to 60 samples per hour
- ▲ Dynamic Clustering
- ▲ Predilution mode
- ▲ Cost effectiveness
- ▲ Small sample volume

Technical Specification

Parameters	<ul style="list-style-type: none">• Whole blood (21): WBC, RBC, PLT, HGB, HCT, MCV, RDW-CV, RDW-SD, MCH, MCHC, MPV, LYM#, LYM%, MON%, MON#, NEU%, NEU#, EOS%, EOS#, BAS%, BAS#• RUO (7) ALY%, ALY#, IMM%, IMM#, PCT, PDW, P-LCR
Reagents	<ul style="list-style-type: none">• Diluent• Cleaner• OnlyOne Lyse
Technology	<ul style="list-style-type: none">• Impedance (WBC, RC, PLT)• Spectrophotometry (HGB)• Optical Flow Cytometry (DIFF)
Sample volume	Whole Blood 15,6 µL+pre-dilution mode
Sampling mode	Open vial
Throughput [sample/h]	60 Samples per hour
Maximum Background Counts	<ul style="list-style-type: none">• WBC 0.2 (10³/µL)• RBC 0.02 (10⁶/µL)• HGB 0.2 (g/µL)• PLT 10 (10³/µL)
Precision (CV)	<ul style="list-style-type: none">• WBC <2.5%• RBC <2%• HGB <1.5%• PLT <5%

Linearity Count	<ul style="list-style-type: none">• WBC 0.2 - 100 (10³/µL)• RBC 0.02 - 8 (10⁶/µL)• HGB 0.2 - 24 (g/µL)• PLT 10 - 2000 (10³/µL)
Additional features	Dynamic Clustering Algorithm
Carry over	<ul style="list-style-type: none">• WBC, RBC, HGB < 1%• PLT < 2%
Dimension [mm]	W: 405 x D:270 x H: 430
Weight [kg]	13
Power Requirements	Input: 100-240 VAC, 50 / 60 Hz 24VDC / 6.67A (160W)
Accessories	Included: Barcode Reader Optional: QWERTY USB Keyboard, Printer
Connections	<ul style="list-style-type: none">• 4 USB Ports• Ethernet• Serial Link RS232
Operating Environment	<ul style="list-style-type: none">• Working Temp.: 18 - 32°C• Max. Relative Humidity 80% at 31°C• Altitude: up to 3000 meters
New parameters	<ul style="list-style-type: none">• ALY% - Atypical Lymphocytes Percentage• ALY# - Atypical Lymphocytes Absolute Number• IMM% - Immature Cells Percentage,• IMM# - Immature Cell Absolute Number

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