



# 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

<b>Parameters</b>	<ul style="list-style-type: none"><li>• 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#</li><li>• RUO (7) ALY%, ALY#, IMM%, IMM#, PCT, PDW, P-LCR</li></ul>
<b>Reagents</b>	<ul style="list-style-type: none"><li>• Diluent</li><li>• Cleaner</li><li>• OnlyOne Lyse</li></ul>
<b>Technology</b>	<ul style="list-style-type: none"><li>• Impedance (WBC, RC, PLT)</li><li>• Spectrophotometry (HGB)</li><li>• Optical Flow Cytometry (DIFF)</li></ul>
<b>Sample volume</b>	Whole Blood 15,6 µL+pre-dilution mode
<b>Sampling mode</b>	Open vial
<b>Throughput [sample/h]</b>	60 Samples per hour
<b>Maximum Background Counts</b>	<ul style="list-style-type: none"><li>• WBC 0.2 (10<sup>3</sup>/µL)</li><li>• RBC 0.02 (10<sup>6</sup>/µL)</li><li>• HGB 0.2 (g/µL)</li><li>• PLT 10 (10<sup>3</sup>/µL)</li></ul>
<b>Precision (CV)</b>	<ul style="list-style-type: none"><li>• WBC &lt;2.5%</li><li>• RBC &lt;2%</li><li>• HGB &lt;1.5%</li><li>• PLT &lt;5%</li></ul>

<b>Linearity Count</b>	<ul style="list-style-type: none"><li>• WBC 0.2 - 100 (10<sup>3</sup>/µL)</li><li>• RBC 0.02 - 8 (10<sup>6</sup>/µL)</li><li>• HGB 0.2 - 24 (g/µL)</li><li>• PLT 10 - 2000 (10<sup>3</sup>/µL)</li></ul>
<b>Additional features</b>	Dynamic Clustering Algorithm
<b>Carry over</b>	<ul style="list-style-type: none"><li>• WBC, RBC, HGB &lt; 1%</li><li>• PLT &lt; 2%</li></ul>
<b>Dimension [mm]</b>	W: 405 x D:270 x H: 430
<b>Weight [kg]</b>	13
<b>Power Requirements</b>	Input: 100-240 VAC, 50 / 60 Hz 24VDC / 6.67A (160W)
<b>Accessories</b>	Included: Barcode Reader Optional: QWERTY USB Keyboard, Printer
<b>Connections</b>	<ul style="list-style-type: none"><li>• 4 USB Ports</li><li>• Ethernet</li><li>• Serial Link RS232</li></ul>
<b>Operating Environment</b>	<ul style="list-style-type: none"><li>• Working Temp.: 18 - 32°C</li><li>• Max. Relative Humidity 80% at 31°C</li><li>• Altitude: up to 3000 meters</li></ul>
<b>New parameters</b>	<ul style="list-style-type: none"><li>• ALY% - Atypical Lymphocytes Percentage</li><li>• ALY# - Atypical Lymphocytes Absolute Number</li><li>• IMM% - Immature Cells Percentage,</li><li>• IMM# - Immature Cell Absolute Number</li></ul>

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