



# Mythic™ 70

NEW PRODUCT

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



**CORMAY  
DIAGNOSTICS**

The lifeline to better health

# Mythic™ 70

Reliable Results. Excellent Performance.

- ▲ 29 parameters
- ▲ Up to 70 samples per hour
- ▲ Automatic Flushing
- ▲ Continuous loading
- ▲ Dynamic clustering
- ▲ Small sample volume

## Technical Specification

|                       |                                                                                                                                                                                                                                                                                                     |                              |                                                                                                                                                                                        |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Parameters            | <ul style="list-style-type: none"><li>• Whole blood (21):<br/>WBC, LYM%, MON%, NEU%, EOS%,<br/>BAS%, LYM#, MON#, NEU#, EOS#, BAS#,<br/>RBC, HGB, HCT, MCV, MCH, MCHC,<br/>RDW_CV, RDW_SD, PLT, MPV</li><li>• RUO (8):<br/>ALY%, ALY#, LIC%, LIC#, <b>P_LCC (New)</b>,<br/>P_LCR, PCT, PDW</li></ul> | Maximum<br>background counts | <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 0.1 (g/ dL)</li><li>• PLT 10 (10<sup>3</sup>/ μL)</li></ul> |
| Reagents              | <ul style="list-style-type: none"><li>• Diluent</li><li>• Cleaner</li><li>• OnlyOne Lyse</li></ul>                                                                                                                                                                                                  | Carry over                   | <ul style="list-style-type: none"><li>• WBC, RBC, HGB &lt; 1%</li><li>• PLT &lt; 2%</li></ul>                                                                                          |
| Sample volume         | 17.5 μL + pre-dilution mode                                                                                                                                                                                                                                                                         | Precision                    | <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>                                                    |
| Throughput [sample/h] | CBC+DIFF: 70                                                                                                                                                                                                                                                                                        | Printout                     | External printer                                                                                                                                                                       |
| Autoloader            | <ul style="list-style-type: none"><li>• 10 racks – 5 samples (50 samples)</li><li>• Continuous loading</li><li>• Automatic rerun option</li></ul>                                                                                                                                                   | Data storage                 | <ul style="list-style-type: none"><li>• Up to 35 000 results with alarms<br/>and distribution curves</li><li>• 500 system events or errors</li><li>• 60 reagents entries</li></ul>     |
| Control blood         | MYT-5D                                                                                                                                                                                                                                                                                              | Operationing<br>environment  | <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>                          |
| Calibrator            | MYT-CAL                                                                                                                                                                                                                                                                                             | Accessories                  | Barcode Reader & Keyboard                                                                                                                                                              |
| Maintenance           | Flush cleaner                                                                                                                                                                                                                                                                                       | Dimension [mm]               | W: 430, L: 507, H: 540                                                                                                                                                                 |
| Sampling mode         | Open vial and autoloader                                                                                                                                                                                                                                                                            | Weight [kg]                  | < 31 kg                                                                                                                                                                                |
|                       |                                                                                                                                                                                                                                                                                                     | Screen                       | LCD (8") touch screen (800x600)                                                                                                                                                        |

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