



Orphée



# 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

|                              |   |                                  |  |
|------------------------------|---|----------------------------------|--|
| <b>Parameters</b>            | <ul style="list-style-type: none"><li>• Whole blood (21):<br/>WBC, LYM%, MON%, NEU%, EOS%, BAS%, LYM#, MON#, NEU#, EOS#, BAS#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW_CV, RDW_SD, PLT, MPV</li><li>• RUO (8):<br/>ALY%, ALY#, IMM%, IMM#, <b>P_LCC (New)</b>, P_LCR, PCT, PDW</li></ul> | <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 0.1 (g/ dL)</li><li>• PLT 10 (10<sup>3</sup>/ μL)</li></ul> |
| <b>Reagents</b>              | <ul style="list-style-type: none"><li>• Diluent</li><li>• Cleaner</li><li>• OnlyOne Lyse</li></ul>  | <b>Carry over</b>                | <ul style="list-style-type: none"><li>• WBC, RBC, HGB &lt; 1%</li><li>• PLT &lt; 2%</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>Precision</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>Sample volume</b>         | 17.5 μL + pre-dilution mode   | <b>Additional features</b>       | Dynamic Clustering Algorithm   |
| <b>Throughput [sample/h]</b> | CBC + DIFF: 70  | <b>Printout</b>                  | External printer   |
| <b>Autoloader</b>            | <ul style="list-style-type: none"><li>• 10 racks – 5 samples (50 samples)</li><li>• Continuous loading</li><li>• Automatic rerun option</li></ul>   | <b>Data storage</b>              | <ul style="list-style-type: none"><li>• Up to 35 000 results with alarms and distribution curves</li><li>• 500 system events or errors</li><li>• 60 reagents entries</li></ul>         |
| <b>Control blood</b>         | MYT - 5D  | <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>Calibrator</b>            | MYT - CAL   | <b>Accessories</b>               | Barcode Reader & Keyboard  |
| <b>Maintenance</b>           | Flush cleaner   | <b>Dimension [mm]</b>            | W: 507, D: 540, H: 430   |
| <b>Sampling mode</b>         | Open vial and autoloader  | <b>Weight [kg]</b>               | 31   |
|                              |   | <b>Screen</b>                    | LED 8.4-inch 800x600 TFT screen  |

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