



# MYTHIC™ 18



Fully automated 19 parameters  
haematology analyzer



**SWISS** HAEMATOLOGY  
SOLUTION

## Technical specifications

Throughput	60 samples per hour
Sample volume	< 10 µl
Technology	<ul style="list-style-type: none"> <li>• Impedance (WBC, RBC, PLT)</li> <li>• Spectrophotometry (HGB)</li> </ul>
19 parameters	WBC, LYM% and #, MON% and #, GRA% and #, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, RDW-SD, PLT, MPV, PCT, PDW
Curves	RBC Curve, WBC curve, PLT curve
Dimensions	250 x 340 x 350 mm (W x D x H)
Weight	9 kg
Power	<ul style="list-style-type: none"> <li>• 90 to 250 V</li> <li>• 50 to 60 Hz</li> <li>• Less than 50 VA</li> </ul>
External printers	<ul style="list-style-type: none"> <li>• Dot matrix printer</li> <li>• Thermal printer</li> <li>• B/W inkjet and laser printer</li> </ul>
User's interface	<ul style="list-style-type: none"> <li>• TFT colour touchscreen</li> <li>• Built-in numerical keyboard</li> </ul>
Output	<ul style="list-style-type: none"> <li>• RS232</li> <li>• Ethernet (UDP/IP, TCP/IP protocol)</li> <li>• 2 USB port</li> <li>• Centronics port</li> <li>• Barcode scanner port</li> </ul>



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- i** Orphée reserves own rights to technical and software modification. In case of printer choice please contact your local Orphée's representative.

## Software specifications

Multilanguage	Bulgarian, Brazilian Portuguese, Chinese, Deutsch, English, French, Italian, Magyar, Polish, Portuguese, Romanian, Russian, Serbian, Spanish
Calibration	Automatic or manual
Quality control	<ul style="list-style-type: none"> <li>• 6 batches: 100 run/batch</li> <li>• Table and Levey Jennings graphs</li> </ul>
Archives	<ul style="list-style-type: none"> <li>• Internal memory: 1500 patients</li> <li>• Mass storage (USB): up to 60 000 patients</li> </ul>
Traceability	<ul style="list-style-type: none"> <li>• Patient identification: name, patient ID, sample ID</li> <li>• Daily log</li> <li>• Reagents monitoring: lot number, expiry date, volume</li> <li>• Service log</li> </ul>
Flagging	<ul style="list-style-type: none"> <li>• Pathologic flags</li> <li>• Lab limits</li> <li>• Reagent alerts</li> <li>• Instrument alerts</li> </ul>
Options	<ul style="list-style-type: none"> <li>• External barcode scanner</li> <li>• Reagent pack version</li> </ul>
Reagents	<ul style="list-style-type: none"> <li>HM 18-007-1 • Mythic™ 18-22 Enzymatic Cleaning Solution 1 L</li> <li>HM 18-008-05 • Mythic™ 18 Cyanide free Lytic Solution 0,5 L</li> <li>HM 18-008-1 • Mythic™ 18 Cyanide free Lytic Solution 1 L</li> <li>HM 18-009-10 • Mythic™ 18 Diluent 10 L</li> <li>HM 18-009-20 • Mythic™ 18 Diluent 20 L</li> <li>HM 18-010 • M-Pack for Mythic™ 18</li> </ul>
Calibrator	Myt-Cal: calibrator for Mythic™ 18
Controls	Myt-3D tri level or Myt-3D normal level: quality controls for Mythic™ 18