



# MYTHIC™ 22 AL

22 parameters haematology  
analyzer Auto Loading system



**SWISS** HAEMATOLOGY  
SOLUTION

## Technical specifications

Sample volume	< 20 µl
Technology	<ul style="list-style-type: none"> <li>• Impedance (WBC, RBC, PLT)</li> <li>• Spectrophotometry (HGB)</li> <li>• Optical (5-DIFF): Optical Cytometry Hydrofocusing Free Optical laser method for 5-part WBC differential using semiconductive diode</li> </ul>
24 parameters	WBC, LYM% and #, MON% and #, NEU% and #, BAS% and #, EOS% and #, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT MPV, PCT, PDW
Curves	RBC curve, PLT curve
Scattergram	5-Diff scattergram
Dimensions	480 x 400 x 400 mm (W x D x H)
Weight	25 kg
Power	<ul style="list-style-type: none"> <li>• 90 to 250 V</li> <li>• 50 to 60 Hz</li> <li>• Less than 150 VA</li> </ul>
External printers	<ul style="list-style-type: none"> <li>• Dot matrix printer</li> <li>• Monochrome inkjet printer, PCL3 type</li> <li>• Color laser printer, PCL6 type</li> </ul>
User's interface	<ul style="list-style-type: none"> <li>• TFT colour touchscreen 8"5</li> <li>• Built-in numerical keyboard</li> </ul>
Output	<ul style="list-style-type: none"> <li>• Bidirectional LIS communication</li> <li>• RS232</li> <li>• Ethernet (UDP/IP, TCP/IP protocol)</li> <li>• 5 USB ports</li> </ul>
Tubes Id.	Internal barcode scanner
Loading	<ul style="list-style-type: none"> <li>• Continuous loading</li> <li>• 10 racks of 5 tubes</li> <li>• STAT position</li> <li>• Automatic rerun option</li> </ul>

## Software specifications

Multilanguage	Bulgarian, Brazilian Portuguese, Chinese, English, French, Italian, Latvian, Polish, Romanian, Russian, Spanish						
Calibration	Automatic or manual						
Quality control	<ul style="list-style-type: none"> <li>• 12 batches: 100 runs/batch</li> <li>• Table and Levey Jennings graphs</li> </ul>						
Archives	<ul style="list-style-type: none"> <li>• Internal memory: 1500 patients with scattergram and histograms</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, sex, ...</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>• Reagents alerts</li> <li>• Instrument alerts</li> </ul>						
Reagents	<table border="0"> <tr> <td>HM 22-001-1</td> <td>• Cleaner for Mythic™ 22</td> </tr> <tr> <td>HM 22-002-1</td> <td>• OnlyOne™</td> </tr> <tr> <td>HM 22-003-10</td> <td>• Diluent for Mythic™ 22</td> </tr> </table>	HM 22-001-1	• Cleaner for Mythic™ 22	HM 22-002-1	• OnlyOne™	HM 22-003-10	• Diluent for Mythic™ 22
HM 22-001-1	• Cleaner for Mythic™ 22						
HM 22-002-1	• OnlyOne™						
HM 22-003-10	• Diluent for Mythic™ 22						
Calibrator	Myt-Cal: calibrator for Mythic™ 22						
Controls	Myt-5D tri level or normal level: quality controls for Mythic™ 22						



## 24 parameters haematology analyzer Auto Loading system

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