

Now with new
parameters
RDW-SD
P-LCR

MYTHIC™ 18

Fully automated 20 parameters
haematology analyzer



SWISS HAEMATOLOGY
SOLUTION



Mythic™ 18

Technical specifications

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

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



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