



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"> • Impedance (WBC, RBC, PLT) • Spectrophotometry (HGB)
21 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"> • 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



Fully automated 21 parameters haematology analyzer

- 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"> • 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	<ul style="list-style-type: none"> 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
Calibrator	Myt-Cal: calibrator for Mythic™ 18
Controls	Myt-3D tri level or Myt-3D normal level: quality controls for Mythic™ 18