



MYTHIC™ 18

Fully Automated 20 Parameters
Haematology Analyzer



SWISS HAEMATOLOGY
SOLUTION



ANALYTICAL AUTOMATION (I) PVT. LTD.

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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 & 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">● RS 232● 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	<ul style="list-style-type: none">HM 18-007-1 ● Mythic™ 18-22 Enzymatic Cleaning Solution 1 LHM 18-008-05 ● Mythic™ 18 Cyanide Free Lytic Solution 0.5 LHM 18-008-1 ● Mythic™ 18 Cyanide Free Lytic Solution 1 LHM 18-009-10 ● Mythic™ 18 Diluent 10 LHM 18-009-20 ● Mythic™ 18 Diluent 20 LHM 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



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