Mythic™
Instrument

Innovation in your hematology lab
**Mythic™ 18,** 3-part differentiation hematology analyser.

**Simple**
- Fully automated system.
- Easy to use.
- Easy to maintain.
- Easy to serve.

**User-Friendly**
- Complete Embedded Software.
- Extended Datalog storage.
- Quality Control program.
- Validation Software for bidirectional connection. Connection up to 4 Mythic™ (Mythic™ 18 and Mythic™ 22)

**Cost-Savings**
- Low reagent consumption.
- Low power consumption.
- Low service and maintenance cost.
Mythic™ 22,
5-part differentiation hematology analyser.

**Innovation**

- New patented optical technology: OCHF (Optical Cytometry Hyfrofocus Free)
- 100% full optical determination.
- 1 scattergram for 5 populations.
- Only three (3) reagents including a new patented lyse solution.
- Low sample volume: < 20 µl.

**Safety**

- Optical Bench with limited adjustment.
- 10 years of warranty for the light source.
- Cap piercing version (patented).

**Nº1 in its category**

- Very compact instrument.
- Reagents on board.
- TFT Color touch screen.
- Quality Control Management, including LJ graphs.
- Reagent Monitoring.
- Extended datalog archive.
## Technical Specifications

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<th>Mythic™ 18</th>
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<td><strong>Parameters</strong></td>
<td>18 parameters + 3 histograms. WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, PCT, PDW. LYM % and #, MON % and #, GRAN % and #.</td>
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| **Identification** | • Alphanumeric ID  
• Patient ID  
• Sample ID  
• Barcode reader (option) | • Alphanumeric ID  
• Patient ID  
• Sample ID  
• Barcode reader (option) |
| **Throughput** | 60 samples per hour. | 50 samples per hour. |
| **Sample volume** | 9.8 µl | 16.7 µl |
| **Output** | • Multitask RS232C  
• Ethernet (TCP IP)  
• USB Key | • Multitask RS232C  
• Ethernet (TCP IP)  
• USB key |
| **Reagents** | 3 (Diluent, lyse solution, enzymatic cleaner) | 3 (Diluent M22, OnlyOne-lyse solution, enzymatic cleaner M22) |
| **Multilanguage** | French, English, Spanish, German, Italian, Portuguese, Chinese, Cyrillic (others available). | French, English, Spanish, German, Italian, Portuguese, Chinese, Cyrillic (others available). |
| **Power (Voltage & Consumption)** | • 90 to 250 V.  
• 50 to 60 Hz.  
• less 50 VA. | • 90 to 250 V.  
• 50 to 60 Hz.  
• less 150 VA. |
| **Dimensions (mm)(HxWxD)** | 350 x 250 x 340 | 350 x 250 x 340 |
| **Printers** | • Dot Matrix printer.  
• Inkjet printer.  
• Thermal printer. | • DOT Matrix printer.  
• Inkjet printer.  
• Thermal printer. |
| **User’s Interface** | • QVGA monochrome touch screen.  
• Built-in numerical keyboard. | • TFT color touch screen.  
• Built-in numerical keyboard. |
| **Flagging** | • Pathological flags.  
• Lab limits.  
• Reagent alert.  
• Instrument alert. | • Pathological flags.  
• Lab limits.  
• Reagent alert.  
• Instrument alert. |
| **Quality Control** | 6 control lots.  
100 runs/lot.  
LJ graphs. | 6 control lots.  
100 runs/lot.  
LJ graphs. |
| **Datalog** | • 1500 patients files in Mythic memory (including demographics and histograms).  
• Extended capacity with external thumb drive. | • > 1000 patients files in Mythic memory (including demographics and histograms).  
• Extended capacity with external thumb drive. |
| **Logs** | • System status.  
• Reagents monitoring.  
• Calibration.  
• Q.C.  
• Service. | • System status.  
• Reagents monitoring.  
• Calibration.  
• Q.C.  
• Service. |
| **Software Option** | SVM software: Validation station for Mythic | SVM software: Validation station for Mythic |

### Calibrators and Quality Control materials

Please contact your local Orphée’s representative for informations about calibrators and controls dedicated to each instrument.

### COMING SOON

- M-Pak : Pack of reagents for Mythic™ 18
- Mythic™ 22 AL : Mythic™ 22 with autoloader.

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**Orphée S.A.**

19 chemin du Champ des Filles - CH 1228 Plan les Ouates - Switzerland  
Phone : +41 22 706 18 40 - Fax : +41 22 794 43 91  
Web site : www.orphee-medical.com

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