

# Ball Coagulometer MC 4 plus



The first semi automatic coagulation analyzer with mechanical and optical detection system.  
Designed to perform all clotting tests. We offer the solution!

**MERLIN** medical<sup>®</sup>  
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## Specifications of the MC 4<sup>plus</sup>

Number of measuring channels	4 + 1
Standard measuring principle	4x mechanical, by ball
Optional measuring method	1x optical, 405 and 650 mm
MICRO, MACRO	optional
Sample	hemolytic, icteric and lipemic plasmas, whole blood, citrated whole blood, cistrated plasma
Reagent	open system
Test volume	75 - 600 µl
Measuring value output	%, INR, ratio, sec, min, hour, g/L, mOD, free naming
Incubation stations	4 [1 rack with 4 cuvettes]
Sample preparation stations	8 [2 racks with 4 cuvettes]
Reagent stations	5 [3 x 11,5 mm und 2 x 14,5 mm diameter]
Temperated pipette storing	2
Pipette storing position at room temperature	1
Pulsed operation	variable pulse / stop operation for the detection of lowest fibrinogen values
Calibration curve storage	Freely programmable calibration curve (up to 5 points)
Patient memory	1000
Number of freely programmable tests	3
Emergency Test	1
Interface	RS 232
Barcode scanner	internal and external scanner (optional)
Printer	via RS 232
Software Updates	remote maintenance
Service menu	variable rotation speed & temperature, default storage
Languages	German, English, Chinese, Italian, further languages on request
Display	high definition graphic display, 320 x 240 Pixel
Power supply voltage	Wide range power supply 90 - 260 volts, 50-60 Hz
Operating voltage	24 volts
Electric power	36 VA
Width	420 mm
Height	170 mm
Depth	430 mm
Weight	11 kgs [25 lb]

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