

## COMPARISON



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DESCRIPTION	SPECIFICATIONS OF THE <i>MC 10 plus</i> >MERLINmedical<	SPECIFICATIONS OF THE <i>KC 10A</i> >AMELUNG<
Number of Measuring channels:	10 + 1	10
Standard measuring principle:	10 x mechanical, by ball	10 x mechanical, by ball
Optional measuring method:	1 x optical, 405 and 650 nm	N/A
MICRO, MACRO:	optional	N/A
Sample:	hemolytic, icteric and lipemic plasmas, whole blood, citrated whole blood, citrated plasma	hemolytic, icteric and lipemic plasmas, whole blood, citrated whole blood, citrated plasma
Reagent:	open system	open system
Test volume:	75 - 600 µl	75 - 600 µl
Measuring value output:	%, INR, Ratio, sec, min, hour (Lyse Time), g/L, free naming	%, INR, Ratio, sec, min, g/L
Incubation stations:	10 (1 rack with 10 cuvettes)	20 (2 rack with 10 cuvettes)
Sample preparation stations:	20 (2 racks with 20 cuvettes)	30 (3 racks with 30 cuvettes)
Reagent stations:	10 (5 x 11,5 mm and 5 x 14.5 mm diameter)	6 (1 x 11,5 mm and 5 x 14.5 mm diameter)
Temperated pipette storing position:	2	2
Pipette storing position at room temperature:	1	N/A
Working temperature	Room temperature, 30 up to 42°C	37,0°C fixed
Pulsed operation:	variable pulse / stop operation for the detection of lowest fibrinogen values	N/A
Calibration curve storage:	Freely programmable calibration curve (up to 5 points)	fixed curves
Calibration curve:	2 up to 5 calibration marks per test	3 calibration marks per test
Graphic rendition:	Clotting process	N/A
Patient memory:	1000 (possible download)	N/A
Number of freely programmable tests:	3	N/A
Emergency Test:	1	1
Interface:	RS 232, LIS, PC	20 mA current loop
Interface LIS:	specify	N/A
Barcode scanner:	internal and external scanner (optional)	external scanner (optional)
external Printer:	via RS 232	N/A (built-in CRA)
Software Updates:	remote maintenance	N/A
Service menu:	variable rotation speed & temperature, default storage	N/A
Languages:	German, English, Chinese, further languages on request	German & English & French
Display:	high definition graphic display, 320 x 240 pixel	2 row LCD (CRA)
Power supply voltage:	Wide range power supply 90 - 260 volts, 50-60 Hz	N/A
Operating voltage:	24 volts	230 volts AC +/-10%
Electric power:	45 VA	50 VA
Width:	590 mm	475 mm
Height:	170 mm	180 mm
Depth:	430 mm	380 mm
Weight:	15 kgs ( 33 lbs )	19 kgs (CRA 2,5 kgs)

Legend: N/A Not Applicable