

	Coatron A4	Coatron A6	Coatron A6 Plus
Measurement			
Detection unit	4-channels	6-channels	6-channels
Detection principle	fully optical at 405nm, no stir bars	fully optical at 405nm, no stir bars	fully optical at 405nm, no stir bars
Detection algorithm	clotting, chromogenic, immunoassay	clotting, chromogenic, immunoassay	clotting, chromogenic, immunoassay
Robotics XYZ	TECAN RSP9000 , Single-Z	TECAN RSP9000 , Single-Z	TECAN OMNI, Dual-Z
Diluter Pump	TECAN XE1000, 3-1000µL	TECAN XKalibur, 3-2500µL	TECAN XKalibur, 3-2500µL
Liquid Level Sensor	Yes,for reagent & sample	dito	dito
Cuvette	Block 4er, 150-1000µl	Block 6er, 90-1000µl	Block 6er micro, 75-1000µl
Cuvettes maximum load	40 cuvettes / 160 tests	40 cuvettes / 240 tests	45 cuvettes / 270 tests
Sample maximum load	Rack 2x12 patients	Rack 3x15 patients	Rack 3x15 patients
Sample continous load	Yes, single placing via TECAM software	dito	dito
Reagents on board	20 positions adjustable 16 - 37°C	34 positions adjustable 16 - 37°C	34 positions adjustable 16 - 37°C
Methods on board	PT APTT FIB TT DD AT PC PSI	dito	dito
Operation			
Random Access	yes, upto 8 tests	yes, upto 14 tests	yes, upto 14 tests
STAT samples	yes, 1	yes, 3	yes, 3
Autocalibration	yes, upto 6points	yes, upto 6points	yes, upto 6points
Built-In printer	Yes	Yes	Yes
Built-In barcode scanner	Yes, 1D for partient-ID and reagent	Yes, 1D for partient-ID and reagent	Yes, 1D for partient-ID and reagent
LIS connectivity	ASTM 1394, bidirectional	ASTM 1394, bidirectional	ASTM 1394, bidirectional
Performance			
PT	CV. < 3% 0 - 30 INR	dito	dito
aPTT	CV. < 3% 15 - 420s	dito	dito
TT	CV. < 7% 50-999mg/dL	dito	dito
Throughput (tests/h)			
PT	100	160	250
aPTT	60	110	160
Dimensions	85 x 60 x 70	85 x 60 x 70	95 x 50 x 80
Power Supply	90–240 Vac/50–60 Hz	dito	dito
Weight	50kg	52kg	52kg