



Manufacturer	SDI Biomed	Ortho Diagnostics	Ortho Diagnostics
Analyzer Name	CA480	Vitros 250 Floor Model	Vitro 350 Floor Model
Analysis Speed	480 tests per hour	200-250 tests per hour	Up to 300 tests per hour
Sample Capacity	40 per wheel, 10 per segment	Rack system 10/rack = 40 total	Rack system 10/rack = 40 total
Sampling Probe System	Dedicated Sample and Reagent probes	1 Generic Probe	1 Generic Probe
Primary Tube Samples	Yes	Yes	Yes
Measurement System	Permanent Cuvettes	Disposables Slides	Disposable Slides
Sample size	3 ul	5ul -11ul	5ul -11ul
Added Cost of Health Panel*	\$ 0.00	Cost of Slides + Versa Tips	Cost of Slides + Versa Tips
Reagent System	Closed	Closed - Kodak Ektachem Slides	Closed - Kodak Ektachem Slides
Reagent Positions On Board	30	Equivalent of 45 assays	Equivalent of 45 assays
On-Board Test Capacity	4,500 tests	3,600 tests	3,600 tests
Cooling System	On Board Peltier System	Floor AC Unit	Floor AC Unit
Bar Coded Reagents	Yes	Yes	Yes
On-Board ISE's	Integrated Direct ISE	Proprietary Indirect Unit	Proprietary Indirect Unit
Automated Sample Dilution	Yes	Yes	Yes
Automated Rerun	Yes	Yes	Yes
Water System Required	No	No	No
Time to first result	6 min	Approx 8 1/2 min	Approx 7 1/2 min
10 full BMP's analyzed in:	22 minutes	45 minutes	35 minutes
User Manual On Board	Yes	Yes	Yes
Operating System	Windows Based	DOS based	Enhanced DOS Based
Reaction Curve Visualization	Yes	No	No
Levy Jennings QC Charting	Yes	Yes	Yes
Patient Data Storage	Virtually Unlimited	5,000 records	5,000 records
LIS Interface Available	Yes	Yes	Yes
Automated Maintenance	Yes	Yes	Yes
Remote Diagnostics Package	Yes	No	No
Service Availability	In-house Department		
Instrument References	>600 worldwide installs	Refurbished Units Only	New Unit (Software Enhanced)