



*The New Standard of Excellence in Laboratory Testing*



Manufacturer	SDI Biomed	Horiba ABX
Analyzer Name	<b>CA 480</b>	Pentra 400
Analysis Speed	480 tests per hour	420 tests per hour
Sample Capacity	240 continuous daily 40 per wheel, 10 per rack	60
Primary Tube Samples	240 continuous daily 4 racks, 10 samples each	Yes
Measurement System	Permanent Cuvettes	Disposable Plastic
Added Cost per test - Cuvette	\$0.00	\$0.10
Added Cost of Health Panel*	Cuvettes = \$0.00	Cuvettes = \$2.40
Reagent System	Closed	Closed
Reagent Positions On Board	30	55
Reagent Cooling	Yes	Yes
Cooling System	On Board Peltier System	External Floor AC Unit
Bar Coded Reagents	Yes	Yes
On-Board ISE's	Yes	Yes
ISE System	Built-in Medica unit	Proprietary unit
Automated Sample Dilution	Yes	Yes
Automated Rerun	Yes	Yes
Water System Required	No	No
Time to first result	6 min	7 ½ min
10 full BMP's analyzed in:	22 minutes	1 hour and 15 minutes
User Manual On Board	Yes	Yes
Operating System	Windows	Windows
On-Line Help Menu	Yes	No
Reaction Curve Visualization	Yes	No
Levy Jennings QC Charting	Yes	Yes
Patient Data Storage	Virtually Unlimited	100,000 results
LIS Interface Available	Yes	Yes
Automated Maintenance	Yes	No
Remote Diagnostics Package	Yes	No
Service Availability	In-house Department	Horiba US / ABX France*
Technical Support Staff	Avg. 20+ Years Experience	Hematology Experience
Instrument References	>600 worldwide installs	No history